MILWAUKEE HEAVY-DUTY ELECTRIC TOOLS

FOR CONTRACTORS AND INDUSTRY CATALOG 882

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NOTE

FOR YOUR CONVENIENCE, A QUICK REFERENCE LIST OF MILWAUKEE REPLACEMENT PARTS IS AVAILABLE FOR ALL TOOLS SHOWN IN THIS CATALOG: See your local MILWAUKEE DISTRIBUTOR or MILWAUKEE SERVICE CENTER

Milwaukee

HEAVY-DUTY ELECTRIC TOOLS

HIGHEST QUALITY MATERIALS AND WORKMANSHIP

AUTHORIZED SALES: MILWAUKEE Electric Tools are sold only through Authorized Distributors with experienced personnel to assist you in selecting the proper tools for your specific requirements. You derive a real advantage in buying from your MILWAUKEE Distributor. He not only maintains well balanced inventories of tools for immediate shipment, but places at your disposal the services of his trained and experienced personnel to advise you on special product applications. See "Yellow Pages" under "TOOLS — ELECTRIC" for the Milwaukee Distributor nearest you.

TESTED — LISTED: MILWAUKEE Heavy-Duty Tools bearing the monograms of Underwriters' Laboratories, Inc. or Canadian Standards Association are listed by their testing laboratories as having complied with their standards for safety. Continued compliance is assured by independent inspections by both agencies.

MILWAUKEE MOTORS: All MILWAUKEE motors are universal type which will run equally well on DC or AC (25 to 60 HZ) except those used on Bench Grinders, Water Pumps and Vacuum Pumps. Tools with switches or controls requiring AC operation are indicated as "AC" or "AC Only" under the tool's specifications.

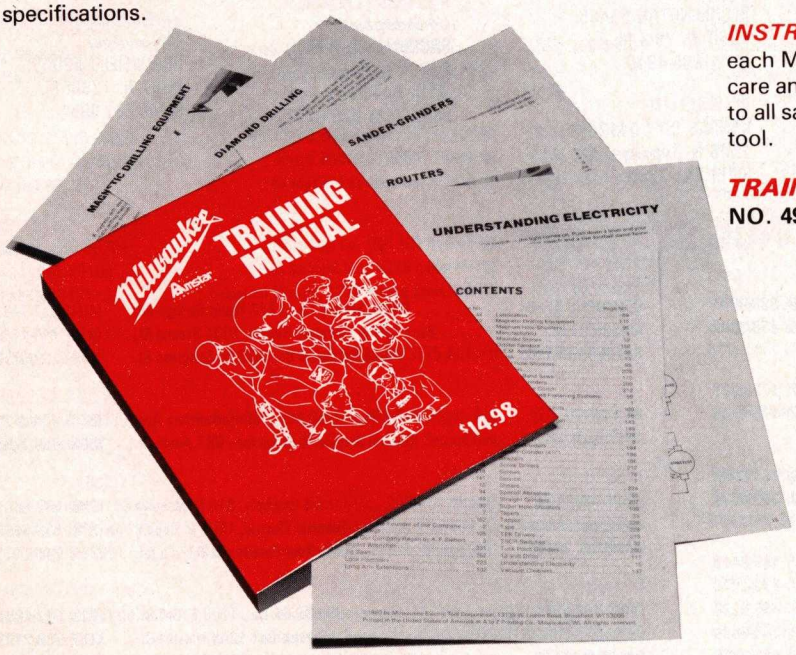
WARRANTY

Every MILWAUKEE Tool is thoroughly inspected and tested before leaving the factory. Should any trouble develop, return the complete tool prepaid to the Factory, Branch or nearest Authorized MILWAUKEE Service Station. If inspection shows the trouble is caused by defective workmanship or material, all repairs will be made without charge and the tool will be returned, transportation prepaid.

This warranty does not apply where: (1) repairs or attempted repairs have been made by persons other than Factory, Branch or Authorized Service Station personnel; (2) repairs are required because of normal wear; (3) the tool has been abused or involved in an accident; (4) misuse is evident such as caused by overloading the tool beyond its rated capacity; (5) the tool has been used with an improper accessory. No other warranty written or verbal, is authorized.

GENERAL INFORMATION: The Milwaukee Electric Tool Corporation reserves the right to make any changes in or improvements to its products without incurring any liability or obligation whatever and without being required to make any corresponding changes or improvements in products previously manufactured or sold.

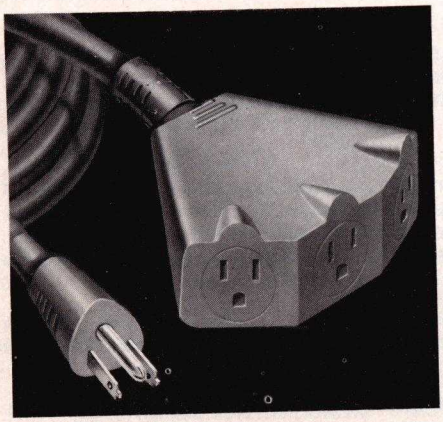
INSTRUCTIONS: An instruction booklet is furnished with each MILWAUKEE Electric Tool. Please read it carefully for best care and performance. IMPORTANT — Pay particular attention to all safety precautionary measures before operating any power tool.



TRAINING MANUAL:

NO. 49-22-0120

A 237 page Training Manual packed with product knowledge of the portable electric power tool industry. Subjects deal with tool manufacture, electricity, safety, operation, and maintenance of an extensive line of power tools. Well illustrated to help any workman gain "in the field" tool operation experience. Simple understandable language that can be understood by persons new to the field of power tools. A "must" book for anyone who uses power tools.



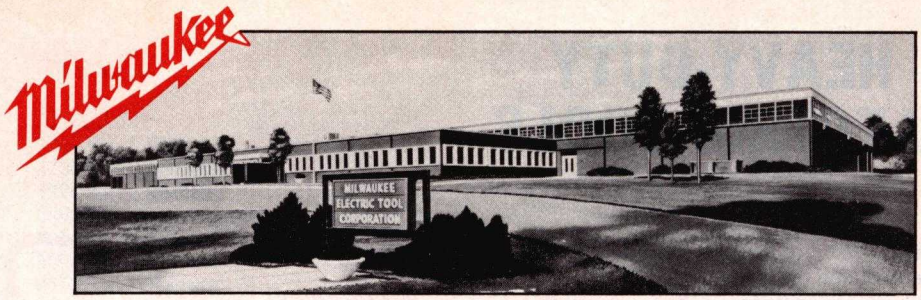
EXTENSION CORDS:

When an extension cord is used, it should always be a 3 wire cord to permit proper grounding of the tool. As the distance from the supply outlet increases, heavier gauge extensions are required. The use of extension cords of inadequate size wire causes a serious drop in voltage, loss of power and possible motor damage.

TRIPLE TAP EXTENSION CORDS:

Extra Heavy-Duty. Three Wire, Grounded.

CATALOG NUMBER	LENGTH	GAUGE
48-76-0170	50'	12
48-76-0180	100'	12
48-76-0190	2'	12



DISTRIBUTION CENTER:
MILWAUKEE DISTRIBUTION CENTER, INC.
OLIVE BRANCH, MISSISSIPPI

MANUFACTURING FACILITIES:
BROOKFIELD, WISCONSIN
BLYTHEVILLE, ARKANSAS
JACKSON, MISSISSIPPI

CANADIAN SUBSIDIARIES:
CALGARY, ALBERTA
SCARBOROUGH, ONTARIO

MILWAUKEE ELECTRIC TOOL CORPORATION
CORPORATE OFFICE: 13135 W. LISBON RD., BROOKFIELD, WI 53005
PHONE: (414) 781-3600 TWX No. 910-262-3043

Our nation-wide network of MILWAUKEE BRANCH OFFICES/SERVICE CENTERS and AUTHORIZED SERVICE STATIONS has been established to assure you prompt, efficient service. They are staffed with factory trained personnel and an adequate inventory of MILWAUKEE replacement parts. Should the need arise, they are your source for MILWAUKEE service or warranty repair.

MILWAUKEE BRANCH OFFICES/SERVICE CENTERS

ARIZONA
PHOENIX 85004
405 E. Watkins St.
(602) 256-7210

CALIFORNIA
ANAHEIM 92801
1130 N. Magnolia St.
(714) 827-3970
(213) 624-7615
(213) 860-0349

S. SAN FRANCISCO 94080
329 Littlefield Ave.
(415) 583-8484
S.F.: (415) 761-2851

COLORADO
DENVER 80219
2650 W. Second Ave.
(303) 922-1163

FLORIDA
MIAMI 33122
8101 N.W. 33rd St.
(305) 592-0442

GEORGIA
(Atlanta)
CHAMBLEE 30341
2381 John Glenn Dr.
(404) 455-7300

ILLINOIS
(Chicago)
NILES 60648
5629 Howard St.
Chicago: (312) 539-9173
Niles: (312) 647-8407

LOUISIANA
(New Orleans)
HARAHAN 70123
5610 Jefferson Hwy.
(504) 733-8543

MASSACHUSETTS
(Boston)
NEWTON 02158
143 California St.
(617) 244-4483

MICHIGAN
(Detroit)
PONTIAC 48057
1120 Doris Rd.
(313) 373-3800

MINNESOTA
(Minneapolis)
BLOOMINGTON 55435
4350 W. 78th St.
(612) 835-4910

MISSOURI
KANSAS CITY 64120
1506 N. Topping
(816) 241-7300

NEW YORK
(New York)
WOODSIDE 11377
27-07 Brooklyn-Queens Expressway West
N.Y.: (212) 721-5151
N.J.: (201) 622-7752

OHIO
CLEVELAND 44125
7600 Wall St.
(216) 524-8040

PENNSYLVANIA
(Philadelphia)
BROOMALL 19008
388 Reed Rd.
(215) 544-5544
Phil.: (215) 528-6771

TEXAS
DALLAS 75247
400 W. Mockingbird Lane
(214) 637-4820

HOUSTON 77007
4801 Katy Freeway
(713) 861-4671

WASHINGTON
SEATTLE 98108
5419 Maynard Ave., S.
(206) 762-8430

WISCONSIN
(Milwaukee)
BROOKFIELD 53005
4057 N. 128th St.
(414) 781-0951

MILWAUKEE AUTHORIZED SERVICE STATIONS

ALABAMA
BIRMINGHAM 35233 ..... Power Tool Service, Inc., 1113 Fourth Ave., S. (205) 323-4311
MOBILE 36606 ..... Smith Power Tool Co., Inc., 2503 Commercial Park Dr. (205) 478-3335

ALASKA
ANCHORAGE 99501 ..... Aero Services Co., 203 Post Rd. (907) 272-5232
FAIRBANKS 99706 ..... Fairbanks Aero Services, Phillips Field (907) 479-6666

ARIZONA
PHOENIX 85014 ..... Glenns Tool Service, 4036 N. 13th Way (602) 264-6203
TUCSON 85719 ..... Electric Motor Co., 1028 E. Broadway (602) 622-8877

CALIFORNIA
EUREKA 95501 ..... Senn Electric, 1801 Fairfield St. (707) 443-0416
FRESNO 93721 ..... Kimmerle Bros. Inc., 337 M St. (209) 233-1278
NORTH HOLLYWOOD 91605 ... Bucknall Power Tool Service, 11910 Vose St. (213) 765-0228
REDDING 96001 ..... Barnett Supply Co. Inc., 3541 S. Market St. (916) 243-5536
SACRAMENTO 95819 ..... Sacramento Ind. Electric, 6325 Elvas Ave. (916) 452-2828
SAN DIEGO 92110 ..... Star Tool & Supply Co., 1028 Buenos Ave. (714) 275-2500
SANTA CLARA 95050 ..... General Electric Tool Repairs, 364 Martin Ave. (408) 727-4454
SANTA ROSA 95401 ..... Acme Electric Tool Repair, 742 Wilson St. (707) 546-5862

COLORADO
AVON 81620 ..... Tool Clinic, 41000 Hwy. 6, Bldg. 3, Unit 3 (303) 949-6282
COLORADO SPRINGS 80907 ..... Devers Tool Repair, Inc., 3101 N. Hancock (303) 473-8338
FORT COLLINS 80522 ..... Constr. Rental & Sales, 219 N. Summit View Dr. (303) 482-9523
GRAND JUNCTION 81501 ..... Cross Electric Tool Service, 1310 Ute Ave. (303) 245-3158

CONNECTICUT
EAST HARTFORD 06108 ..... Heldmann Tool Supply, Inc., 75 Charles St. (203) 289-2727
NEW BRITAIN 06051 ..... Portable Power Tool Repair, 447 Arch St. Rear (203) 223-6850
NEW HAVEN 06512 ..... New Haven Electric Machine, 190 Fulton Terrace (203) 469-1323

FLORIDA
FORT LAUDERDALE 33334 ..... Broward Tool Repair, 3547 N. Dixie Hwy. (305) 566-4114
JACKSONVILLE 32208 ..... Holland Repair, 6410 Norwood Ave. (904) 764-0586
MIAMI 33142 ..... Skyproducts, 3500 N.W. 54th St. (305) 635-0339
ORLANDO 32806 ..... Florida Electric Motor Service, 1128 Atlanta Ave. (305) 425-8160
TAMPA 33604 ..... Electrical Repairs Inc., 7802 N. Florida Ave. (813) 238-1537
WEST PALM BEACH 33405 ..... Power Tool Inc., 5101 Georgia Ave. (305) 588-3542

GEORGIA
COLUMBUS 31904 ..... Rental Service Co., 1747 Warm Springs Rd. (404) 327-7407
MACON 31202 ..... Bass Tool & Industrial Supply, 1034 Second St. (912) 745-1117
SAVANNAH 31402 ..... White Hardware Co., 102 W. Congress St. (912) 233-5777

HAWAII
HILO 96720 ..... Hawaii Planing Mill Ltd., 380 Kanoelehua Ave. (808) 935-0875
HONOLULU 96813 ..... Central Services & Sales Inc., 687 Auahi St. (808) 536-2255

IDAHO
BOISE 83704 ..... K C Supply, 814 N. Manville (208) 342-4801
IDAHO FALLS 83401 ..... Rossiter Electric, 1501 S. Capital (208) 529-3665
LEWISTON 83501 ..... Wade Tool Service, 513 Thain Rd. (208) 746-2421

ILLINOIS
BLOOMINGTON 61701 ..... The Struck Co., 1106 E. Bell St. (309) 827-4691
CHICAGO HEIGHTS 60411 ..... H-J Service Co., 1245 Halsted St. (312) 756-2123
DECATUR 62525 ..... Miller Industrial Supply Co., 1695 N. 21st St. (217) 428-7787
EAST PEORIA 61611 ..... C & H Repair Co., 2500 N. Main St. (309) 699-3338
SPRINGFIELD 62701 ..... R. W. Bradley Supply Co., 403-05 N. Fourth St. (217) 528-8438

INDIANA
EVANSVILLE 47730 ..... Ram Supply Co., Inc., 1301 W. Franklin (812) 424-7988
FORT WAYNE 46805 .... Wagner Electric of Fort Wayne, 3610 N. Clinton St. (219) 484-5532
INDIANAPOLIS 46203 .. Anderson Bros. Tool Repair, 3531 Southeastern Ave. (317) 357-1102

IOWA
CEDAR RAPIDS 52404 ..... Jims Appliance Service, 901 Ninth St. S.W. (319) 364-0277
DAVENPORT 52802 ..... Five Cities Tool Service Inc., 921 S. Rolff (319) 322-7068
DES MOINES 50301 ..... Tools Inc., 1912 Sixth Ave. (515) 244-1516
DES MOINES 50317 ..... Electrical Eng. & Equip. Co., 1808 Delaware St. (515) 282-0431
DES MOINES 50317 ..... Iowa Industrial Products Inc., 2600 Delaware (515) 265-4281

KANSAS
DODGE CITY 67801 ..... Dalton Brothers, Inc., 1110 S. 14th (316) 227-2793
WICHITA 67211 ..... B & B Electric Motor Co., 332 Lulu (316) 267-1238

KENTUCKY
LEXINGTON 40508 ..... City Electric Motor Shop, 631 Kennedy Rd. (606) 252-4751
LOUISVILLE 40217 ..... Tool Repair Service, 1200 Goss Ave. (502) 635-6888

MILWAUKEE AUTHORIZED SERVICE STATIONS (Continued)

LOUISIANA

HARAHAN 70123	Service Tool & Supply, 5480 Mounes St.	(504) 733-4744
NEW ORLEANS 70153	Beerman Precision Inc., 4206 Howard Ave.	(504) 486-9391

MAINE

WESTBROOK 04092	Stultz Electric Works, Inc., 25 Bridge St.	(207) 854-2501

MARYLAND

FREDERICK 21701	M & M Electric Motor Repair, 702 East St.	(301) 663-1100
TAKOMA PARK 20012	Turner Electric Co., 201 Ethan Allen Ave.	(301) 270-6800
TOWSON 21204	Duran Service Co., 8741 Mylander Lane	(301) 321-9033

MASSACHUSETTS

ALLSTON 02134	Service Sales Corp., 442 Cambridge St.	(617) 254-2444
HOLYOKE 01040	Reliance Electric Service, 573 S. Canal St.	(413) 533-3557
PLYMOUTH 02360	Colony Tool Supply, 301 Court St.	(617) 746-2219
WOBURN 01888	Star Sales & Distr. Corp., 29 Commerce Way	(617) 933-8830
WOBURN 01888	Sutton Electric Tool Service, 7 Cedar Dr.	(617) 935-1664

MICHIGAN

GRAND RAPIDS 49509	J. T. Hoeksema Co., 2499 28 St. S.W.	(616) 538-1870

MINNESOTA

DULUTH 55806	Diamond Drilling Supply Co., 2916 W. First St.	(218) 628-3671
MOORHEAD 56560	Horvick Electric Motor Co., 303-307 Main Ave.	(218) 233-1566
ST. PAUL 55101	Reeds Sales & Service, 1260 Payne Ave.	(612) 774-9515

MISSISSIPPI

JACKSON 39204	Flannigan Electric Co., Inc., 1820 S.W. St. Ext.	(601) 354-2756

MISSOURI

BRIDGETON 63044	Brocks Appliance Inc., 11707 Natural Bridge	(314) 731-6282
KANSAS CITY 64108	Heath Sales & Service Inc., 518 E. 16th St.	(816) 421-3330
ST. LOUIS 63139	P M Electric Co., Inc., 5280 Fyler Ave.	(314) 351-4550
SPRINGFIELD 65803	Ozark Repair Inc., 210 W. Commercial St.	(417) 865-8538

MONTANA

BILLINGS 59101	Teds Electric Service, 133 Moore Lane	(406) 259-6418
MISSOULA 59806	Electro Service Center, 1919 Harve	(406) 549-4115

NEBRASKA

GRAND ISLAND 68802	Gifco Tools & Fasteners, 363 N. Elm St.	(308) 382-1670
NORTH PLATTE 69101	Knapp Electric, 1900 E. Fourth St.	(308) 532-4840
OMAHA 68127	All Makes Tool Service, 8914 H St.	(402) 592-1230

NEVADA

CARSON CITY 89701	Bilbo Tool Co., 301 Hot Springs Rd.	(702) 883-5256
LAS VEGAS 89109	Tool Services Inc., 3229 Industrial Rd.	(702) 734-9161
SPARKS 89431	Industrial Electric, 1275 Kleppe Lane, Unit 19	(702) 331-1032

NEW HAMPSHIRE

NASHUA 03061	Hammar Industrial Supply, 175 Amhurst	(603) 882-5161

NEW JERSEY

KENILWORTH 07033	Air & Electric Tool Serivce, 706 S. Michigan Ave.	(201) 241-9144
TRENTON 08638	Sinclair Industrial Supply Co., 93 Second Ave.	(609) 586-3300

NEW MEXICO

ALBUQUERQUE 87107	Telco Electric Inc., 2906 Fourth N.W.	(505) 345-2426
FARMINGTON 87401	Jesco Inc., 2000 Troy King Rd.	(505) 325-5625
LAS CRUCES 88001	Chucks Electric Motor Inc., 240 N. Mesquite St.	(505) 526-9214

NEW YORK

BINGHAMTON 13904	Hulbert Electric Inc., 78 Travis Ave.	(607) 724-3968
BUFFALO 14207	Richter Electric Motor Repair, 2010 Niagara St.	(716) 873-1600
KINGSTON 12401	Fowler & Keith, 104 Smith Ave.	(914) 331-0004
ROCHESTER 14609	O. G. Schwarz Co., 430 Atlantic Ave.	(716) 482-9282
SCHENECTADY 12303	Barrett Electric Service Inc., 112 Henry St.	(518) 374-4416
SYRACUSE 13204	Ramsing Electric Repairs, 914 Emerson Ave.	(315) 468-1712

NORTH CAROLINA

CHARLOTTE 28206	Portable Tool Service, 3209 Cullman Ave.	(704) 332-8337
GREENSBORO 27408	Tool & Equipment Service Co., 1607 Battleground	(919) 273-6988
RALEIGH 27601	Specialty Tool Service, Inc., 305 W. Martin St.	(919) 833-5903

OHIO

CINCINNATI 45210	Cincinnati Electric Repair, 2023 Elm St.	(513) 621-2183
COLUMBUS 43222	Alban Equipment Co., 1825 McKinley Ave.	(614) 279-6352
DAYTON 45403	M & R Electric Motor Service, 1516 E. Fifth St.	(513) 222-6282
TOLEDO 43613	Electric Tool & Equipment, Inc., 3156 Upton Ave.	(419) 474-7537
YOUNGSTOWN 44512	Moff-Master Power Tools, 5228 Market St.	(216) 783-2130

OKLAHOMA

OKLAHOMA CITY 73108	Capitol Electric Motor Repair, Inc., 2215 S.W. 11th	(405) 235-9638
OKLAHOMA CITY 73108	Commercial Tool Repair, 340 S. Vermont	(405) 947-2226
TULSA 74120	Hammond Electric Co., 1510 E. Third St.	(918) 582-4104
TULSA 74145	American Tool Repair, 9300 Broken Arrow Exp.	(918) 665-3753

OREGON

BEND 97708	Central Oregon Welders Supply, Inc., 101 N.E. Greenwood Ave.	(503) 382-2362
EUGENE 97402	Jims Tool Service, 515 Wilson St.	(503) 344-1243
MEDFORD 97501	Kens Saw Shop, 1838 Delta Waters Rd.	(503) 779-1490
PORTLAND 97214	Chas. H. Day Co., Inc., 602 S.E. 11th	(503) 232-1659
SALEM 97309	Valley Welding Supply, 2110 McGilchrist S.E.	(503) 581-6400

PENNSYLVANIA

ERIE 16505	Knickerbocker Equipment Co., 3001 W. 17th St.	(814) 833-7761
MECHANICSBURG 17055	Power Tool Service, 34 W. Allen St.	(717) 697-8233
PITTSBURGH 15233	Snyder Electric Co., 1500 Chateau St.	(412) 231-3100

PUERTO RICO

RIO PIEDRAS 00929	Ramelco Inc., 65th Infantry Station	(809) 751-0131

RHODE ISLAND

WARWICK 02888	Babine Electric Service, 315 Jefferson Blvd.	(401) 738-0333

SOUTH CAROLINA

COLUMBIA 29203	Mann Electric Repair, Inc., 3600 Main St.	(803) 252-7777
GREENVILLE 29602	Service Repair Co., 15 Hyde St.	(803) 242-5893

SOUTH DAKOTA

ABERDEEN 57401	J. B. Center, 710 Sixth Ave., S.W.	(605) 229-5284
SIOUX FALLS 57101	Shakstad Authorized Service, 1400 Industrial Ave.	(605) 336-3090
SIOUX FALLS 57104	Malloy Electric Motor Service, 809 W. Russell Ave.	(605) 336-3693

TENNESSEE

CHATTANOOGA 37404	Dixie Industrial Service, Inc., 2108 E. Main St.	(615) 698-8063
KNOXVILLE 37914	Electric Service Co., 3914 McCalla Ave.	(615) 524-8607
MEMPHIS 38104	Southern Electric Co., 812 Porter St.	(901) 774-4651
NASHVILLE 37203	K & K Tools, 606 Demonbreun	(615) 255-9541

TEXAS

ABILENE 79604	Abilene Welding & Industrial, 222 N. Treadaway	(915) 677-5205
AMARILLO 79107	G. E. Jones Electric Co., 208 14 N. Polk	(806) 372-5505
AMARILLO 79105	Service Tool & Supply, 710 S. Grant	(806) 372-6538
AUSTIN 78758	The Tool Box, 9904-A Gray Blvd.	(512) 836-5483
BEAUMONT 77701	Newton Rental Tool & Hardware, 530 Mariposa St.	(713) 835-3979
BRYAN 77801	Bailey Oxygen & Tool Co., 812 S. Bryan St.	(713) 779-7154
CORPUS CHRISTI 78408	Electric Motor Service, 838-D S. Padre Island Dr.	(513) 851-1980
LONGVIEW 75607	Sobol Welders Supply Co., 1410 F-M Rd. 1845	(214) 757-3800
LUBBOCK 79405	Lubbock Electric Co., 1108-34th St.	(806) 744-2336
LUBBOCK 79408	The Tool House, 1711 Texas Ave.	(806) 747-4331
SAN ANTONIO 78205	Electric Motor Service & Sales, 1514 E. Commerce St.	(512) 226-3462
WESLACO 78596	Russell Bearing & Auto, 723 E. State Hwy.	(512) 968-5559

UTAH

LOGAN 84321	Glenns Electric Motor & Supply, 501 Main St.	(801) 752-4178
SALT LAKE CITY 84104	Diamond Electric Motor, 1465 S. Second W.	(801) 484-4325
SALT LAKE CITY 84125	Electric Motor Supply Co., 2395 S. 2570 W.	(801) 973-2400

VERMONT

SOUTH BURLINGTON 05401	Burlington Rent-All, 23 San Remo Dr.	(802) 658-4131

VIRGINIA

NORFOLK, 23517	Bryan Electric Co., 424 W. 25th St.	(804) 625-0378
RICHMOND 23261	Staley Co., Inc., 2024 Chamberlayne Ave.	(804) 321-6595
ROANOKE 24013	Lloyd Electric Co., 605 Third St. S.E.	(703) 982-0135

WASHINGTON

ABERDEEN 98520	Electrical Apparatus Service, 621 W. State	(206) 533-4164
BELLINGHAM 98225	Power Tool Service, Inc., 1852 N. State St.	(509) 671-2110
SPOKANE 99201	K & N Electric Motors, 217 W. Cataldo	(509) 328-3260
SPOKANE 99220	Safway Supply Inc., 1507 E. Sprague	(509) 535-9841
TACOMA 98409	Center Electric Inc., 1212 S. 30th St.	(206) 383-4416
VANCOUVER 98665	Clark County Saw & Tool, 7913 N.E. St. Johns Rd.	(206) 574-2755
YAKIMA 98902	Cooper Electric Motor Service, 205 S. Fourth Ave.	(509) 452-9550

WEST VIRGINIA

CHARLESTON 25312	A-1 Rental Inc., 555 - 29th St. W.	(304) 744-6364

WISCONSIN

GREEN BAY 54305	Power Tool Service Co., 310 N. Webster Ave.	(414) 437-2594
LA CROSSE 54601	Lackore Electric Motor Repair, 520 S. Third St.	(608) 782-7635
MADISON 53713	Jet Power Tool Repair Inc., 970 Jonathon Dr.	(608) 271-2315

WYOMING

GILLETT 82716	Contractors Supply, Inc., Hwy. 59 South	(307) 682-5153
MILLS 82644	Statewide Electric Co., Inc., 226 Van Horn Ave.	(307) 265-2567
ROCK SPRINGS 82901	Dons Electric & Air Repair, 207 M St.	(307) 362-3931

HEAVY-DUTY MAGNUM® HOLE-SHOOTERS

TRIGGER SPEED CONTROL with REVERSING SWITCH

1/4"
0104-1
0124-1

EXCLUSIVE MAGNUM® *FEATURES:*

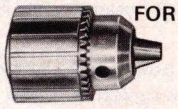
Exclusive Brush Cartridge System — Change brushes in less than one minute.

Quik-Lok Cord Sets for 120 Volt Models Only

- Quick detachment from tool for tangle free carrying and storage.
- Instant field repair, safe replacement.
- 8′ standard equipment, 25′ and 50′ available.

HEAVY-DUTY INDUSTRIAL CHUCK

ALL BALL AND ROLLER BEARINGS



FOR USING A FULL RANGE OF DRILLING ACCESSORIES

3/8"
0224-1

126.65

MAGNUM® ACCESSORIES

A B C D E

A. QUIK-LOK CORD SETS
8′ QUIK-LOK **NO. 48-76-3008** 25′ QUIK-LOK **NO. 48-76-3025**
50′ QUIK-LOK **NO. 48-76-3050**

B. MAGNUM® SIDE HANDLE
NO. 49-15-0260 For Aluminum Gear Case

C. TOOL HOLSTER NO. 49-17-0200 For Pistol Drills and Screw-Shooters

D. STEEL CARRYING CASE NO. 48-55-0710 For Pistol Drills and Screw-Shooters. Overall size 13" long, 6" high and 8-1/2" wide.

E. RUBBER FLEX KEY HOLDER
NO. 48-66-4080 FOR KEY 48-66-3200 **NO. 48-66-4040** FOR KEY 48-66-3280

SCREWDRIVER BIT SET NO. 48-30-0100
For all MAGNUM® Hole-Shooters (See Page 8).

TYPE "E" GREASE NO. 49-08-4120 1 LB. CAN

1/2"
0234-1
0244-1

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0104-1 REV.*	1/4	120	4.5	0-2500	DOUBLE	1/2"-20	48-66-0104	48-66-3200	10	4	5-1/4
0124-1 REV.	1/4	120	4.5	0-2000	DOUBLE	1/2"-20	48-66-0104	48-66-3200	10	4	5-1/4
0224-1 REV.●	3/8	120	4.5	0-1200	DOUBLE	1/2"-20	48-66-0224	48-66-3280	10-1/2	4-3/4	6
0234-1 REV.†	1/2	120	4.5	0-850	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10-1/2	4-3/4	6
0244-1 REV.	1/2	120	4.5	0-600	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10-1/2	4-3/4	6

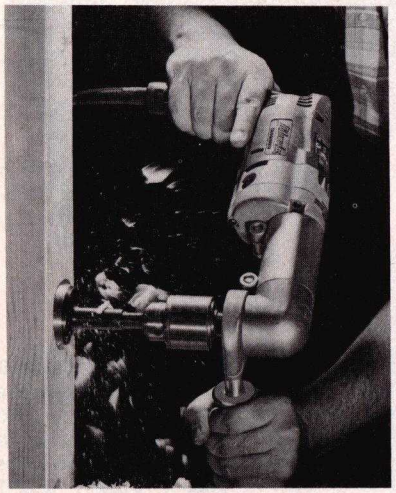
* Available in 240 Volts AC Only. Double Insulated. Standard cord set (no Quik-Lok feature). Order Model No. 0106-3.
● Available in 240 Volts AC Only. double Insulated. Standard cord set (no Quik-Lok feature). Order Model No. 0226-3.
† Available in 240 Volts AC Only. Double Insulated. Standard cord set (no Quik-Lok feature). Order Model No. 0236-3.
STANDARD EQUIPMENT: 8′ Quik-Lok Cord, Chuck Key and Rubber Flex Key Holder. Side Handle is included with all models.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY MAGNUM® RIGHT ANGLE DRIVE KIT

TRIGGER SPEED CONTROL with REVERSING SWITCH

● COMPACT DESIGN FOR DRILLING BETWEEN STUDS, JOISTS AND OTHER CLOSE QUARTERS ● FOR USE WITH UP TO 2-1/8" SELFEED BITS ● QUIK-LOK CORD SETS FOR FAST, SECURE ATTACHMENT, 8' STD. EQUIP., 25' and 50' AVAILABLE ● ALL BALL AND ROLLER BEARINGS



KIT contains 1/2" MAGNUM® Drill, Right Angle Drive Unit, 8' Quik-Lok Cord, Side Handle with Clamp, 9/16" Open End Wrench, Knockout Pin and Steel Carrying Case.

KIT 3300-1

STEEL CARRYING CASE
(When Ordered Separately)
NO. 48-55-0200

NOTE
With Right Angle Head removed, tool becomes a No. 0234-1 1/2" capacity straight drill.

REFER TO PAGE 6 FOR MAGNUM® FEATURES AND ACCESSORIES

TYPE "E" GREASE
NO. 49-08-4120
1 LB. CAN

CAPACITIES OF 3300-1 KIT

(1/2" DRILL NO. 0234-1 ONLY, AND WITH RIGHT ANGLE DRIVE UNIT ATTACHED)

	MAX. RPM	WOOD APPLICATIONS					STEEL APPLICATIONS	
		SELFEED BIT	FLAT BORING BIT	AUGER BIT	HOLE SAW	SHIP AUGER BIT	TWIST DRILL	HOLE SAW
1/2" DRILL NO. 0234-1	0-850	1-1/8"	1-1/2"	7/8"	3-1/4"	7/8"	1/2"	1-3/8"
NO. 3300-1	HIGH 0-1275	1"	1-1/2"	3/4"	2-3/4"	3/4"	1/2"	1-3/16"
	LOW 0-565	2-1/8"	1-1/2"	1-1/8"	3-1/2"	1-1/8"	1/2"	1-1/2"

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY HOLE-SHOOTERS

SINGLE SPEED or TRIGGER SPEED CONTROL with REVERSING SWITCH

ALL BALL AND ROLLER BEARINGS

SINGLE SPEED
1/4" 0101

TRIGGER SPEED CONTROL WITH REVERSING SWITCH
1/4" 0102-1

SINGLE SPEED
1/4"
0141 0181 0191
3/8" 0221

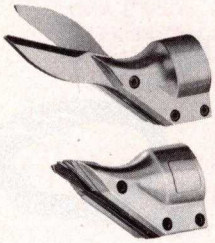
122.400

TRIGGER SPEED CONTROL WITH REVERSING SWITCH
1/4" 0122-1
3/8" 0222-1

NEW
HEAVY-DUTY HOLE-SHOOTER

TRIGGER SPEED CONTROL WITH REVERSING SWITCH
3/8" 0228-1

ACCESSORIES



SCISSORS HEAD SHEAR ASSEMBLY NO. 48-08-0525
Ideal for cutting a wide range of pliable sheet materials such as carpeting, carpet underlay foam rubber, linoleum, vinyl, etc. Use with MILWAUKEE 1/4" HOLE-SHOOTER Model 0181. See page 96 for complete SHEAR specifications.

SWIVEL HEAD SHEAR ASSEMBLY NO. 48-08-0500
Use with MILWAUKEE 1/4" HOLE-SHOOTER Model 0181. See page 96 for complete SHEAR specifications.

SCREWDRIVER BITS

Bit and Finder 3-1/2" long with 1/4" hex shank for slotted head screws.

SCREW SIZE	CATALOG NUMBER
6F- 8R	48-30-2600
8F-10R	48-30-2625
10F-12R	48-30-2650
12F-14R	48-30-2675
14F-16R	48-30-2700

2" long Bits with 1/4" hex shanks for driving #1, #2 and #3 Phillips screws.

SCREW SIZE	CATALOG NUMBER
Phillips No. 1	48-30-1510
Phillips No. 2	48-30-1520
Phillips No. 3	48-30-1500

SCREWDRIVER BIT SET NO. 48-30-0100
Includes one each of the above screwdriver bits shown in red. Also includes No. 48-32-2050 1/4" Sq. × 2" Socket Driver. For use with Trigger Speed Control Drills Nos. 0102-1, 0104-1, 0122-1, 0124-1, 0222-1, 0224-1, 0228-1 and 0234-1.

STEEL CARRYING CASE
NO. 48-55-0710
For Pistol Drills and Screw-Shooters.
Overall size 13" long, 6" high and 8-1/2" wide.

115.60

PLUG ADAPTER
NO. 48-03-0010

TOOL HOLSTER
NO. 49-17-0200
For Pistol Drills and Screw-Shooters

TYPE "E" GREASE
For All Drills
NO. 49-08-4120
1 LB. CAN

RUBBER FLEX KEY HOLDER
NO. 48-66-4040
FOR KEY 48-66-3080
NO. 48-66-4080
FOR KEY 48-66-3200

NEW BELT CLIP
NO. 48-67-0100
For Drill No. 0228-1 only. Attaches to top of drill for holding on belt or pockets.

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0101	1/4	120 AC	3	2500	Sgl.	3/8"-24	48-66-0260	48-66-3200	8-3/8	3-1/2	6
0102-1 REV.	1/4	120 AC ONLY	3	0-2500	Sgl.	#1 J.T.*	48-66-0230	48-66-3200	8-3/8	3-1/2	6
0122-1 REV.	1/4	120 AC ONLY	3.3	0-2000	Dbl.	#1 J.T.*	48-66-0230	48-66-3200	8-3/4	3-3/4	6
0141	1/4	120 AC	3.3	3500	Dbl.	3/8"-24	48-66-0260	48-66-3200	8-3/4	3-3/4	6
0181	1/4	120 AC	3.3	2500	Dbl.	3/8"-24	48-66-0260	48-66-3200	8-3/4	3-3/4	6
0191★	1/4	120 AC	3.3	1700	Dbl.	3/8"-24	48-66-0260	48-66-3200	8-3/4	3-3/4	6
0221★	3/8	120 AC	3.3	650	Dbl.	3/8"-24	48-66-0800	48-66-3080	9-1/2	4	7
0222-1 REV.	3/8	120 AC ONLY	3.3	0-1000	Dbl.	#2 J.T.*	48-66-0240	48-66-3080	9-1/2	4	7
NEW 0228-1 REV.	3/8	120 AC ONLY	3.3	0-1000	Dbl.	3/8"-24	48-66-0795	48-66-3240	9-1/4	3-3/4	5-1/2

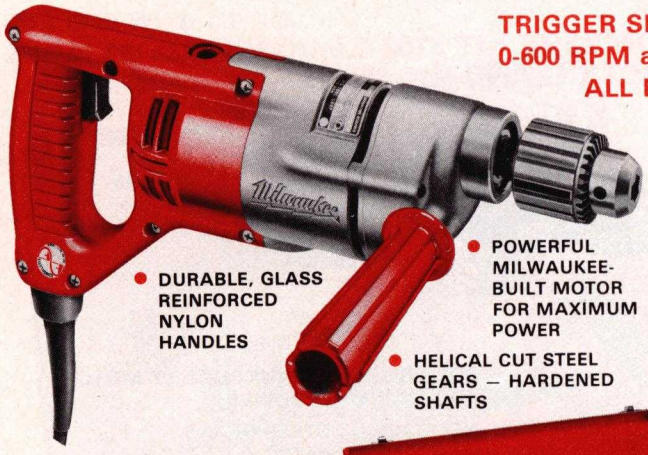
★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet.

* Jacobs Taper Spindle.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY "D" HANDLE HOLE-SHOOTERS

SINGLE SPEED or TRIGGER SPEED CONTROL with REVERSING SWITCH



TRIGGER SPEED CONTROL 0-600 RPM and 0-500 RPM
1/2" CAPACITY QUIK-LOK CORDS
ALL BALL AND ROLLER BEARINGS

- DURABLE, GLASS REINFORCED NYLON HANDLES
- POWERFUL MILWAUKEE-BUILT MOTOR FOR MAXIMUM POWER
- HELICAL CUT STEEL GEARS — HARDENED SHAFTS

MILWAUKEE ELECTRONICS HEAVY-DUTY TRIAC SPEED CONTROL SWITCH
RUGGED NEW INDUSTRIAL/CONSTRUCTION SPEED CONTROL FOR HIGH POWER APPLICATIONS. MILWAUKEE'S unique electronic design with remote heat sink reduces electrical switching temperatures — expands the usable range of trigger speed control switches to tools rated for heavy amp loads and the toughest applications. Designed for smooth, precise speed control and greatly extended switch lift. Double Insulated Construction with 3 wire grounded system.

OPTIONAL ADJUSTABLE SIDE HANDLE
NO. 49-15-0200

OPTIONAL STEEL CARRYING CASE
NO. 48-55-1400
Heavy-Duty 20 gauge steel case designed to fit Drill and up to 6" bit without removal of bit for storage. Order separately.

QUIK-LOK CORD SETS

MILWAUKEE'S exclusive Quik-Lok cord sets provide instant field replacement or substitution. To remove cord set, turn cord nut 1/4 turn to the left. Pull cord set off.

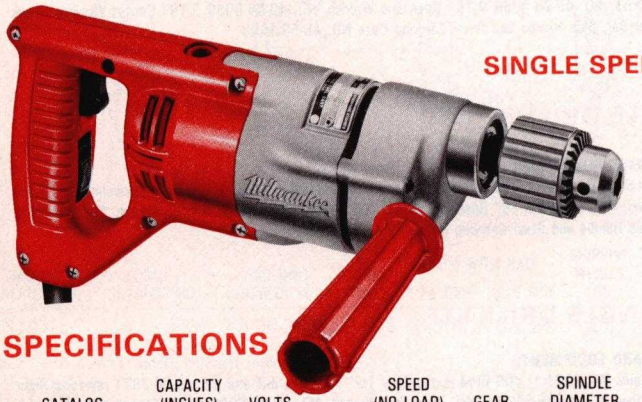
DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	**48-76-3008**
25' QUIK-LOK	**48-76-3025**
50' QUIK-LOK	**48-76-3050**

TYPE "A" GREASE
1/2 LB. CAN
NO. 49-08-0500
1 LB. CAN
NO. 49-08-0800

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1007-1 REV.	1/2"	120	4.5	0-600	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1107-1 REV.	1/2"	120	4.5	0-500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/4	6-1/2	10

"REV." after Catalog Number indicates reversing motor.
STANDARD EQUIPMENT: Both models — Side Handle No. 43-62-0600, Chuck Key and Rubber Flex Key Holder, 8' Quik-Lok Cord Set No. 48-76-3008.



SINGLE SPEED 1800-350 RPM 1/4", 3/8", 1/2" CAPACITIES
ALL BALL AND ROLLER BEARINGS

STEEL CARRYING CASE
NO. 48-55-1400
Same Carrying Case as described above.

OPTIONAL ADJUSTABLE SIDE HANDLE
NO. 49-15-0200

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0801	1/4	120	6.2	1800	Dbl.	1/2"-20	48-66-0300	48-66-3200	13-1/4	5-3/4	9
0871	3/8	120	6.2	1350	Dbl.	1/2"-20	48-66-0840	48-66-3280	13-7/8	6-1/2	10
1001	1/2	120	4.5	600	Dbl.	1/2"-20	48-66-1280	48-66-3280	13-7/8	6-1/4	10
1001-1 REV.	1/2	120	4.5	600	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1101	1/2	120	4.5	500	Trpl.	1/2"-20	48-66-1280	48-66-3280	14-1/4	6-1/2	10
1101-1 REV.	1/2	120	4.5	500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1201-1 REV.	1/2	120	4.5	350	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1250-1 REV.	1/2	120	6.2	950	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/2	10

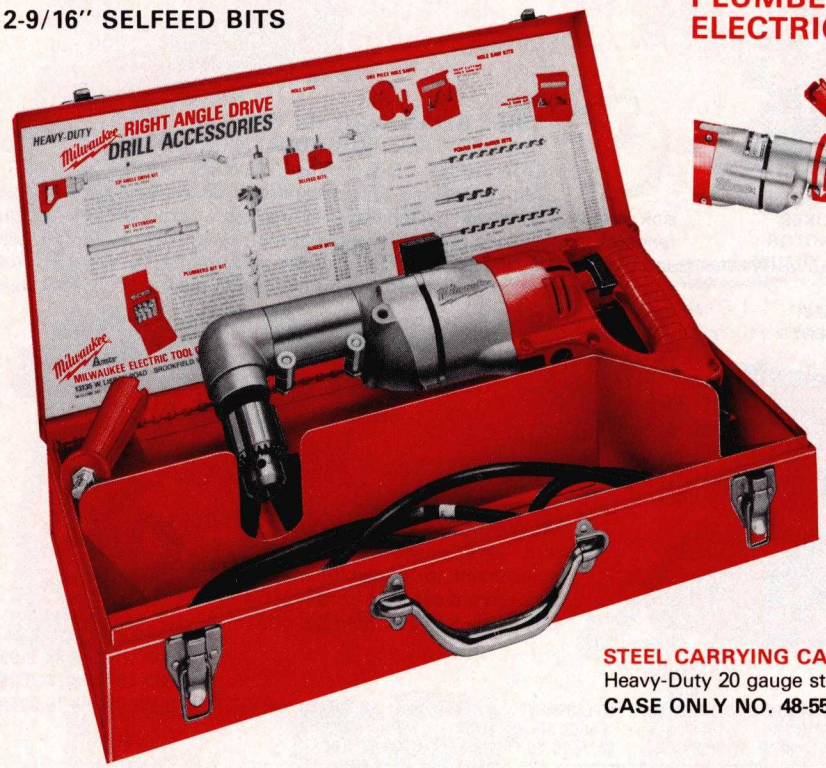
"REV." after Catalog Number indicates reversing motor.
STANDARD EQUIPMENT: All models — Side Handle No. 43-62-0600, Chuck Key and Rubber Flex Key Holder.

TYPE "A" GREASE
1/2 LB. CAN
NO. 49-08-0500
1 LB. CAN
NO. 49-08-0800

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY REVERSING RIGHT ANGLE DRILL KITS

FOR USE WITH UP TO 2-9/16" SELFEED BITS



PLUMBERS KIT 3102-1 and 3202-1
ELECTRICIANS KIT 3002-1

Head and handle swivel 360° and can be locked tight in any position.

- **POWERFUL MILWAUKEE-BUILT MOTOR FOR MAXIMUM POWER**
- **HELICAL CUT STEEL GEARS — HARDENED SHAFTS**
- **DURABLE, GLASS REINFORCED NYLON HANDLES**
- **ALL BALL AND ROLLER BEARINGS**

STEEL CARRYING CASE
Heavy-Duty 20 gauge steel case.
CASE ONLY NO. 48-55-1400

TYPE "A" GREASE
NO. 49-08-0500 1/2 LB. CAN
NO. 49-08-0800 1 LB. CAN

SPECIFICATIONS NO. 3102-1 PLUMBERS RIGHT ANGLE DRILL KIT

RAD KIT CATALOG NO.	DRILL CATALOG NO.	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE	RPM WITH RAD HIGH SIDE	SHIPPING WEIGHT LBS.
3102-1	1101-1 REV.	48-06-2871	500	335	750	21

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT:
Kit contains NO. 1101-1, 500 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-1400.

SPECIFICATIONS NO. 3202-1 PLUMBERS RIGHT ANGLE DRILL KIT

RAD KIT CATALOG NO.	DRILL CATALOG NO.	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE	RPM WITH RAD HIGH SIDE	SHIPPING WEIGHT LBS.
3202-1	1201-1 REV.	48-06-2871	350	230	525	21

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT:
Kit contains NO. 1201-1, 350 RPM Heavy-Duty reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-1400.

SPECIFICATIONS NO. 3002-1 ELECTRICIANS RIGHT ANGLE DRILL KIT

RAD KIT CATALOG NO.	DRILL CATALOG NO.	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE	RPM WITH RAD HIGH SIDE	SHIPPING WEIGHT LBS.
3002-1	1001-1 REV.	48-06-2871	600	400	900	21

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT:
Kit contains NO. 1001-1, 600 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-1400.

SPECIFICATIONS FOR DRILLS INCLUDED IN ABOVE RIGHT ANGLE DRILL KITS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1001-1 REV.	1/2	120	4.5	600	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1101-1 REV.	1/2	120	4.5	500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1201-1 REV.	1/2	120	4.5	350	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2

"REV." after Catalog Number indicates reversing motor.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VARIABLE SPEED REVERSING RIGHT ANGLE DRILL KIT

FOR USE WITH UP TO 2-9/16" SELFEED BITS

KIT 3107-1

with MILWAUKEE ELECTRONICS HEAVY-DUTY TRIAC SPEED CONTROL SWITCH

RUGGED NEW INDUSTRIAL/CONSTRUCTION SPEED CONTROL FOR HIGH POWER APPLICATIONS. MILWAUKEE'S unique electronic design with remote heat sink reduces electrical switching temperatures — expands the usable range of trigger speed control switches to tools rated for heavy amp loads and the toughest applications. Designed for smooth, precise speed control and greatly extended switch life. Double Insulated Construction with 3 wire grounded system.

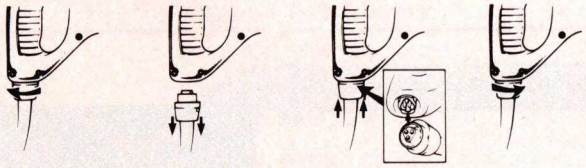
Head and handle swivel 360° and can be locked tight in any postion.

- **POWERFUL MILWAUKEE-BUILT MOTOR FOR MAXIMUM POWER**
- **HELICAL CUT STEEL GEARS — HARDENED SHAFTS**
- **DURABLE, GLASS REINFORCED NYLON HANDLES**
- **ALL BALL AND ROLLER BEARINGS**

STEEL CARRYING CASE
Heavy-Duty 20 gauge steel case.
CASE ONLY NO. 48-55-1400

QUIK-LOK CORD SETS

MILWAUKEE'S exclusive Quik-Lok cord sets provide instant field replacement or substitution. To remove cord set, turn cord nut 1/4 turn to the left. Pull cord set off.



QUIK-LOK CORD SETS

DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	**48-76-3008**
25' QUIK-LOK	**48-76-3025**
50' QUIK-LOK	**48-76-3050**

TYPE "A" GREASE
NO. 49-08-0500
1/2 LB. CAN
NO. 49-08-0800
1 LB. CAN

SPECIFICATIONS NO. 3107-1 VARIABLE SPEED REVERSING RIGHT ANGLE DRILL KIT

RAD KIT CATALOG NO.	DRILL CATALOG NO.	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE	RPM WITH RAD HIGH SIDE	SHIPPING WEIGHT LBS.
3107-1	1107-1 REV.	48-06-2871	0-500	0-335	0-750	21

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT:
Kit contains NO. 1107-1, 0-500 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle, 8' Quik-Lok Cord Set. NO. 48-76-3008 and Steel Carrying Case NO. 48-55-1400.

SPECIFICATIONS FOR DRILL INCLUDED IN ABOVE RIGHT ANGLE DRILL KIT

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1107-1 REV.	1/2"	120	4.5	0-500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/4	6-1/2	10

"REV." after Catalog Number indicates reversing motor.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ANGLE DRIVE UNITS

TO CONVERT STRAIGHT DRILLS TO ANGLE DRILLS

RIGHT ANGLE DRIVE UNIT

Used extensively for drilling between joists, studding, in tight corners or in close quarters on machinery equipment. Provides two additional drilling speeds. Chuck transferred from drill to LOW spindle of right angle unit reduces drills normal speed by 1/3 and increases drilling torque by 50%. Chuck transferred to opposite spindle of right angle unit increases speed by 50%.

NO. 48-06-2870 For drills with non-reversing motors. Drill or chuck not included. Net Wgt. 2 lbs. Shp. Wgt. 3 lbs.

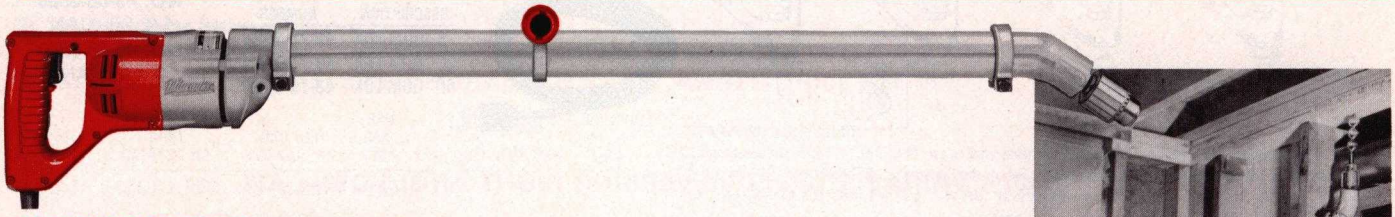
NO. 48-06-2871 For drills with reversing motors. Net Wgt. 2 lbs. Shp. Wgt. 3 lbs.

Head and handle swivel 360° and can be locked tight in any position.

WITH DRILL...USE RAD UNIT

DRILL CATALOG NO. AND TYPE	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE	RPM WITH RAD HIGH SIDE
0234-1 REV. MAGNUM PISTOL DRILL	**48-06-2871**	0-850	0-565	0-1275
0236-3 REV. MAGNUM PISTOL DRILL	**48-06-2871**	0-850	0-565	0-1275
0244-1 REV. MAGNUM PISTOL DRILL	**48-06-2871**	0-600	0-400	0-900
0801 "D" HANDLE DRILL	**48-06-2870**	1800	1200	2700
0871 "D" HANDLE DRILL	**48-06-2870**	1350	900	2025
1001 "D" HANDLE DRILL	**48-06-2870**	600	400	900
1001-1 REV. "D" HANDLE DRILL	**48-06-2871**	600	400	900
1007-1 REV. "D" HANDLE DRILL	**48-06-2871**	0-600	0-400	0-900
1101 "D" HANDLE DRILL	**48-06-2870**	500	335	750
1101-1 REV. "D" HANDLE DRILL	**48-06-2871**	500	335	750
1107-1 REV. "D" HANDLE DRILL	**48-06-2871**	0-500	0-335	0-750
1201-1 REV. "D" HANDLE DRILL	**48-06-2871**	350	230	525
1250-1 REV. "D" HANDLE DRILL	**48-06-2871**	950	630	1425

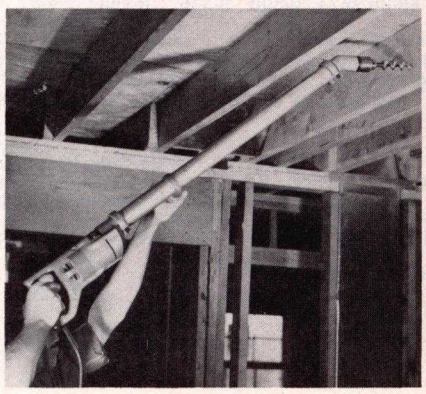
"REV." after Catalog Number indicates reversing motor.



33° ANGLE DRIVE KIT NO. 48-06-2860

FOR DRILL MODELS 0234-1 REV., 0236-3 REV., 0244-1 REV., 1001-1 REV., 1006-1 REV., 1007-1 REV., 1101, 1101-1 REV., 1106-1 REV., 1107-1 REV., 1201-1 REV., 1250-1 REV.

Stretches drilling reach up to 30 inches. Permits easy drilling of up to 2-9/16" dia. holes. Kit consists of an extension tube, side handle, drive shaft with hex sockets on both ends, two clamping collars and a 33° Angle Drive unit. Use 33° Angle Drive with the 30" extension only. 33° angle units operate at the same speed as the drill powering them.



30" EXTENSION NO. 48-95-0400

FOR DRILL MODELS 0234-1 REV., 0236-3 REV., 0244-1 REV., 1001-1 REV., 1006-1 REV., 1007-1 REV., 1101, 1101-1 REV., 1106-1 REV., 1107-1 REV., 1201-1 REV., 1250-1 REV.

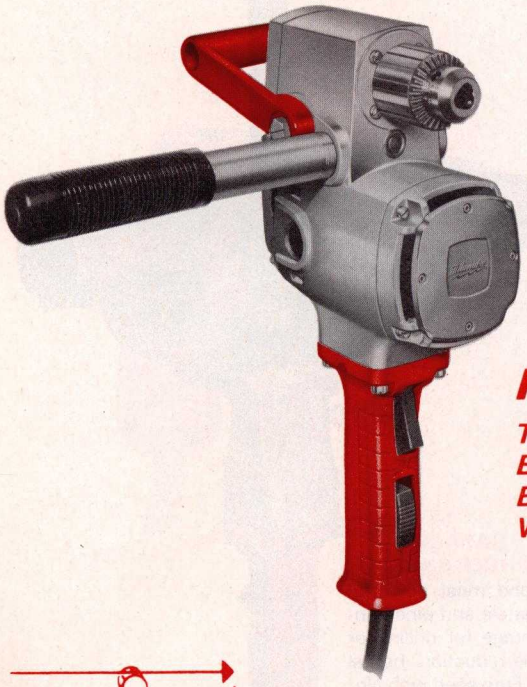
30" extension available separately for use with MILWAUKEE RAD units NOS. 48-06-2870 and 48-06-2871. Unit comes complete with 30" extension tube, drive shaft with hex socket on both ends, two clamping collars, and side handle. Purchase RAD unit separately.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY HOLE-HAWG™

COMPACT DESIGN FOR DRILLING BETWEEN STUDS AND JOISTS

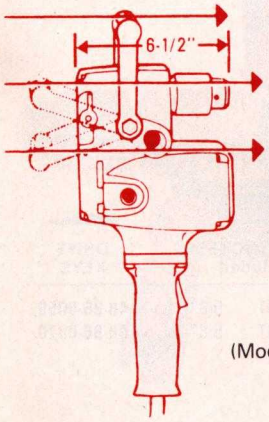
1670-1 REV.
SINGLE SPEED — 900 RPM
REVERSING MOTOR



1675-1 REV.
TWO SPEED — 1200 AND 300 RPM
REVERSING MOTOR

POWER AND TORQUE...

TO HANDLE UP TO 4-5/8" SELFEED BITS. TRIPLE REDUCTION GEARING. BALL AND ROLLER BEARINGS. WEIGHS ONLY 10-1/2 LBS.



FUNCTIONAL DESIGN

Puts force in line with chuck

2 POSITION PIPE HANDLE

3 POSITION SPADE HANDLE

2 SPEED GEAR SHIFT
(Models 1675-1 Rev. and 1676-1 Rev.)

EXTERNAL BRUSH CAPS

TYPE "E" GREASE
1 LB. CAN
NO. 49-08-4120

1676-1 REV.
(Same as 1675-1 but with steel carrying case)

STEEL CARRYING CASE
(When ordered separately)
NO. 48-55-0110

SPECIFICATIONS

CATALOG NUMBER	SPEED	NO LOAD RPM	CAPACITY: WOOD: WITH AUGER BIT	CAPACITY: WOOD: WITH SHIP AUGER BIT	CAPACITY: WOOD: WITH SELFEED BIT	CAPACITY: STEEL	VOLTS AC ONLY	AMPS	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	NET WGT. LBS.	SHP. WGT. LBS.
1670-1 REV.	Single	900	1-1/2"	1-1/2"	2-9/16"	7/16"	120	7.5	Trpl.	5/8"-16	48-66-1380	48-66-3280	10-1/2	16
1675-1 REV.	High	1200	1-1/8"	1-1/4"	1-3/8"	5/16"	120	7.5	Trpl.	5/8"-16	48-66-1380	48-66-3280	10-1/2	16
	Low	300	1-1/2"	1-1/2"	4-5/8"	1/2"								
1676-1 REV.			Same as 1675-1 but with steel carrying case											24

"REV." after Catalog Number indicates reversing motor.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SUPER HOLE-SHOOTERS

ALL BALL AND ROLLER BEARINGS

1600
1600-1 REV.
1620-1 REV.
1650
1650-1 REV.

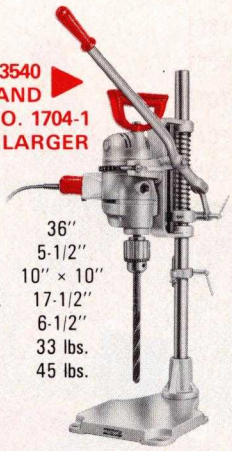
1704-1 REV.
1754-1 REV.
1854
1854-1 REV.

2404-1 REV.

1-1/4" CAPACITY SUPER HOLE-SHOOTER

MILWAUKEE'S largest and most powerful Drill. Extra long switch handle and pipe handle afford maximum leverage for drilling or reaming large holes. Triple reduction, helical gearing transmits torque. Furnished with No. 3 Internal Morse Taper Socket.

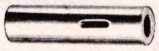
NO. 3540 DRILL STAND FOR DRILLS NO. 1704-1 AND LARGER



Height of Post	36"
Max. Feed	5-1/2"
Size of Base	10" × 10"
Chuck to Base — Max.	17-1/2"
Chuck to Post	6-1/2"
Wgt. Less Drill	33 lbs.
Ship. Weight	45 lbs.

TYPE "A" GREASE
1/2 LB. CAN
NO. 49-08-0500
1 LB. CAN
NO. 49-08-0800

MORSE TAPER SOCKETS



MORSE TAPER SOCKETS Drift Key Included			DRIFT KEYS
49-66-0600	#2 MT	5/8"-16	**48-86-0050**
49-66-0700	#3 MT	5/8"-16	**48-86-0070**

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1600	1/2	120	6	600	Dbl.	1/2"-20	48-66-1280	48-66-3280	12-1/4	9-1/2	13
1600-1 REV.★	1/2	120	6	600	Dbl.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1620-1 REV.	3/8w1/2 chuck	120	6	†900	Dbl.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1650	1/2	120	6	450	Trpl.	1/2"-20	48-66-1280	48-66-3280	12-1/4	9-1/2	13
1650-1 REV.★	1/2	120 AC-DC	6	450	Trpl.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1704-1 REV.	1/2	120	10	600	Dbl.	#6 J.T.*	48-66-1480	48-66-3120	16	14-3/4	21
1754-1 REV.	5/8	120	10	525	Trpl.	#3 J.T.*	48-66-1680	48-66-3120	16-1/2	16-3/4	22
1854	3/4	120	11	400	Trpl.	5/8"-16	48-66-2040	48-66-3160	16-1/2	16-3/4	22
1854-1 REV.★	3/4	120	10	400	Trpl.	#3 J.T.*	48-66-2080	48-66-3160	16-1/2	16-3/4	22
2404-1 REV.★‡	1-1/4	120	10	250	Trpl.	#3 M.T.●	—	—	16-3/4	21-1/2	26

★ Available in 240 Volts. Add -3 after Catalog Number when ordering. See price sheet.
"Rev." after Catalog No. indicates reversing type motor.
* Jacobs Taper Spindle.
† For fast, deep hole drilling with auger bits.
● With No. 3 Internal Morse Taper Socket.
‡ To adapt a 3/4" capacity chuck to 2404-1 Drill with No. 3 Internal Morse Taper Socket, order accessory Chuck Kit No. 49-22-1550. Kit consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 12 VOLT BATTERY POWERED TOOLS

FOR SPECIALIZED USE AWAY FROM 120 VOLT POWER SOURCE

HOLE-SHOOTERS

1/4"
0135

3/8"
0235

1/2"
1130-1 REV.

NOTE: When ordering tools for use without the MILWAUKEE Battery carrying case, the 6 foot cord with battery clips NO. 48-76-0060, is required.

ACCESSORIES

A. BELT BATTERY AND CORD
(For use with Pistol Drill Nos. 0135 and 0235 only.)
BATTERY OUTPUT IS SUBJECT TO THE POWER CONSUMED.
NO. 48-11-0060 9.6 Volt Nickel-Cadmium BATTERY (less cord). 4 amp hours capacity, .70 to .25 hours of actual in use running-time before recharging is required. Use adapter cord No. 48-76-0090.
NO. 48-76-0090 12" Adapter Cord furnished separately.

B. CADMIUM BATTERY CHARGER NO. 48-59-0060 For Belt Battery — 14 hour fast charge. Plug into 115 Volt AC outlet and connect to battery.

C. BATTERY AND CARRYING CASE The 12 Volt Gel/Cell® storage battery has a rated capacity of 28 amp hours, 4.7 to 1.9 hours of actual in use running time before recharging is required.
BATTERY OUTPUT IS SUBJECT TO THE POWER CONSUMED.
BATTERY NO. 48-11-0070 **CARRYING CASE NO. 48-55-0040**

D. 6 AMP BATTERY CHARGER NO. 48-59-0100
An economical battery charger for recharging 12 volt batteries at 6 amps. Polarity protected — built-in circuit breaker protects against short circuits and overloads. Completely automatic — charge shuts off when battery reaches charge capacity. Equipped with ammeter to show rate of charge.

E. 6' CORD WITH BATTERY CLIPS NO. 48-76-0060
For connecting 12 Volt tools to 12 Volt batteries in motor vehicles, boats, mowers, etc., use this two wire, 10 gauge cord with 2 battery clips and female connection.

25' 12 VOLT EXTENSION CORD NO. 48-76-0050
Can be used with MILWAUKEE battery case or cord with battery clips.

TYPE "A" GREASE For No. 1130-1 only.
NO. 49-08-0500 1/2 Lb. Can **NO. 49-08-0800** 1 Lb. Can

TYPE "E" GREASE For Nos. 0135 and 0235
NO. 49-08-4120 1 Lb. Can

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0135	1/4	12	15.0	1750	DOUBLE	3/8"-24	48-66-0260	48-66-3200	9-1/2	3-3/4	6
0235	3/8	12	15.0	600	DOUBLE	3/8"-24	48-66-0800	48-66-3080	9-1/2	3-3/4	6
1130-1 REV.	1/2	12	15.5	360	TRIPLE	1/2"-20	48-66-1360	48-66-3280	13-1/4	6-3/4	10

"REV." after Catalog Number indicates reversing motor.

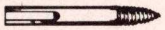
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DRILL ACCESSORIES

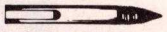
SELFEED BITS • FASTER CUTTING • IMPROVED BALANCE • REDUCED RUNOUT

All sizes have removable and replaceable feed screws. Two feed screws furnished with each bit—Regular and Coarse feed screws permit selecting the right feed for the material you're drilling. Coarse feed screw provides fast effortless feeding even in gummy woods. Inside cutting plane shaves hole radius for clean smooth holes without pressure.

CATALOG NUMBER	DESCRIPTION	SHANK TYPE	RECOMMENDED WITH DRILL MODELS	FOR STD. PIPE SIZES
48-25-1001	1" dia.	3 Milled Flats	For 1/2" and larger drills	1/2"
48-25-1121	1-1/8" dia.	3 Milled Flats		3/4"
48-25-1251	1-1/4" dia.	3 Milled Flats		
48-25-1371	1-3/8" dia.	3 Milled Flats	For 1/2" D-Handle drills and larger drills	
48-25-1501	1-1/2" dia.	3 Milled Flats		1"
48-25-1751	1-3/4" dia.	3 Milled Flats		1"
48-25-2001	2" dia.	3 Milled Flats		1-1/2"
48-25-2121	2-1/8" dia.	3 Milled Flats		
48-25-2251	2-1/4" dia.	3 Milled Flats		
48-25-2561	2-9/16" dia.	3 Milled Flats	For 1/2" D-Handle drills and larger drills except 1001, 1001-1 and 1007-1	2"



FEED SCREW
COARSE THREAD
NO. 48-28-6870



FEED SCREW
REGULAR THREAD
NO. 48-28-6875

SOCKET WRENCH
NO. 49-96-0060

SET SCREW
NO. 06-83-2625

FOR PREVIOUS MILWAUKEE SELFEED BITS Order this Double End Screw Pilot, Socket Wrench and Set Screw.

48-28-6850	Dble. Feed Screw Pilot
49-96-0060	Socket Wrench
06-83-2620	Set Screw

SELFEED BIT MERCHANDISERS

These convenient displays can hang on perforated board or rest on counter tops. A sample of each bit size can be displayed for customer inspection. Large header sign and back panel provide information regarding different bits and accessories available. Holds up to 45 MILWAUKEE Selfeed Bits. These merchandisers are supplied with bits in ten different sizes.

NEW NO. 49-22-0111

CATALOG NUMBER	SIZE	NUMBER OF BITS
48-25-1001	1"	2
48-25-1121	1-1/8"	2
48-25-1251	1-1/4"	2
48-25-1371	1-3/8"	2
48-25-1501	1-1/2"	2
48-25-1751	1-3/4"	2
48-25-2001	2"	1
48-25-2121	2-1/8"	2
48-25-2251	2-1/4"	2
48-25-2561	2-9/16"	2

NO. 49-22-0110

CATALOG NUMBER	SIZE	NUMBER OF BITS
48-25-1001	1"	3
48-25-1121	1-1/8"	3
48-25-1251	1-1/4"	3
48-25-1371	1-3/8"	3
48-25-1501	1-1/2"	3
48-25-1751	1-3/4"	3
48-25-2001	2"	4
48-25-2121	2-1/8"	4
48-25-2251	2-1/4"	4
48-25-2561	2-9/16"	4

LARGE SELFEED BITS

Large SELFEED BITS in 3", 3-5/8" and 4-5/8" sizes have double inside cutter blades that shave hole radius for clean smooth holes without pressure. Two feed screws furnished with each bit.

CATALOG NUMBER	DESCRIPTION	SHANK TYPE	RECOMMENDED USE WITH DRIL MODELS	FOR STD. PIPE SIZES
48-25-3001	3" dia.	3 Milled Flats	1675-1, 1700-1 and larger	3"●
48-25-3621	3-5/8" dia.	3 Milled Flats	1675-1, 1700-1 and larger	3"●
48-25-4621	4-5/8" dia.	3 Milled Flats	1675-1, 1750-1 and larger	4"●
48-07-0201	Replaceable Arbor			
48-28-6880	Feed Screw			
49-96-0070	Socket Wrench			
06-83-3150	Set Screw			

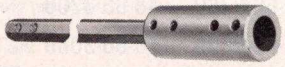
● Cast Iron or Copper Pipe Size

FOR PREVIOUS MILWAUKEE LARGE SELFEED BITS 3-5/8" and 4-5/8", Order this Double End Screw Pilot, Socket Wrench and Set Screw.

48-28-6860	Dble. Feed Screw Pilot
49-96-0070	Socket Wrench
06-83-6000	Set Screw

7/16" HEX EXTENSION SHANKS

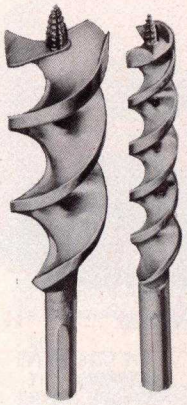
FOR SELFEED BITS, AUGER BITS AND HOLE SAWS (1" DIA. AND LARGER) WITH 7/16" HEX SHANK.

EXTENSION  COUPLING

ONE PIECE

CATALOG NUMBER	LENGTH	REQUIRED COUPLING	REPLACEMENT SET SCREW CATALOG NO.	REPLACEMENT SOCKET WRENCH CATALOG NO.
48-28-3112	5-1/2"	48-28-0920	06-83-2620	49-96-0060
48-28-3115	12"	48-28-0920	06-83-2620	49-96-0060
48-28-3300	18"	48-28-0920	06-83-2620	49-96-0060
48-28-3400	18"	No Coupling	06-83-6000	49-96-0070
48-28-3500	24"	Required	06-83-6000	49-96-0070

HEAVY-DUTY DRILL ACCESSORIES



AUGER BITS

Sizes from 3/4" to 1-1/2"...All 4" twist and 6-1/2" long. 7/16" hex shanks for sure chuck grip. Precision made of special bit steel, heat treated and tempered for long life. Feed screw pilot draws bit into wood. Cutting spurs and lips stay sharp longer.

CATALOG NUMBER	DESCRIPTION	FOR STD. PIPE SIZES
48-13-0750	3/4"×4" Twist	
48-13-0870	7/8"×4" Twist	3/8"
48-13-1000	1"×4" Twist	
48-13-1120	1-1/8"×4" Twist	1/2"
48-13-1250	1-1/4"×4" Twist	3/4"
48-13-1370	1-3/8"×4" Twist	
48-13-1500	1-1/2"×4" Twist	1"

PLUMBERS BIT KIT NO. 49-22-0065

- DURABLE
- LIGHTWEIGHT
- RUSTPROOF CARRYING CASE
- BALANCED FOR EASY CARRYING

NEW HI IMPACT Polyethelene case and a complete assortment of the most commonly used MILWAUKEE bits for BIG HOLE drilling. Sizes include 7/8", 1-1/8", 1-1/4" and 1-1/2". Auger Bits and the famous MILWAUKEE "Selfeed" Bits in 1-3/4", 2-1/8" and 2-9/16" diameters. Kit includes 5-1/2" hex extension shank and coupling, one coarse and one fine feed screw pilot, socket wrench and carrying case. Each bit and accessory has its own compartment and is protected by a double wall of HI IMPACT material. The case is lightweight yet sturdy enough to be dropped on concrete with no damage to the bits.

CARRYING CASE ONLY NO. 48-55-0790

POWER SHIP AUGER BITS

3/8" SHANK **15" TWIST** **18" OVERALL LENGTH**

Cut overall cost per hole by using these accurately machined 3/8" shank ship auger bits. A tough fast-cutting shiphead plus precision hardened cutting edges require less frequent resharpening. 3/8" D-Handle drill and larger can use all bits, also fits hand braces.

DIAMETER	CATALOG NUMBER	DIAMETER	CATALOG NUMBER
9/16"	48-13-0561	13/16"	48-13-0811
5/8"	48-13-0621	7/8"	48-13-0871
11/16"	48-13-0681	15/16"	48-13-0931
3/4"	48-13-0751	1"	48-13-1001

1/2" SHANK **4" TWIST** **6" OVERALL LENGTH**

Precision machined for smooth wobble free boring. 1/2" D-Handle drills and larger can use all bits.

11/16"	48-13-0683	1-1/16"	48-13-1063
3/4"	48-13-0753	1-1/8"	48-13-1123
13/16"	48-13-0813	1-1/4"	48-13-1253
7/8"	48-13-0873	1-3/8"	48-13-1373
15/16"	48-13-0933	1-1/2"	48-13-1503
1"	48-13-1003		

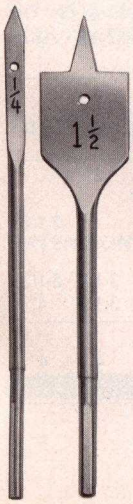
1/2" SHANK **15" TWIST** **18" OVERALL LENGTH**

For all types of construction. Accurately machined for tough deep hole boring in wood. 1/2" D-Handle drills and larger can use all bits. Feed screw point, one cutting edge and side lip produce fast cutting.

9/16"	48-13-5560	1"	48-13-6000
5/8"	48-13-5620	1-1/16"	48-13-6010
11/16"	48-13-5680	1-1/8"	48-13-6120
3/4"	48-13-5750	1-1/4"	48-13-6250
13/16"	48-13-5810	1-3/8"	48-13-6370
7/8"	48-13-5870	1-1/2"	48-13-6500
15/16"	48-13-5930		

FLAT BORING BITS

- 3 MILLED FLATS FOR SECURE CHUCK GRIP
- 1/4" to 1-1/2" DIAMETERS



DIAMETER	CATALOG NUMBER	SHANK DIAMETER	OVERALL LENGTH
1/4"	48-27-0251	3/16"	6-1/8"
5/16"	48-27-0311	3/16"	6-1/8"
3/8"	48-27-0371	1/4"	6-1/8"
7/16"	48-27-0441	1/4"	6-1/8"
1/2"	48-27-0501	1/4"	6-1/8"
9/16"	48-27-0561	1/4"	6-1/8"
5/8"	48-27-0621	1/4"	6-1/8"
11/16"	48-27-0681	1/4"	6-1/8"
3/4"	48-27-0751	1/4"	6-1/8"
13/16"	48-27-0811	1/4"	6-1/8"
7/8"	48-27-0871	1/4"	6-1/8"
15/16"	48-27-0941	1/4"	6-1/8"
1"	48-27-1001	1/4"	6-1/8"
1-1/8"	48-27-1121	1/4"	6-3/4"
1-1/4"	48-27-1251	1/4"	6-3/4"
1-3/8"	48-27-1371	1/4"	6-3/4"
1-1/2"	48-27-1501	1/4"	6-3/4"

FLAT BORING BIT KIT

NO. 49-22-0071

Contains 6 popular size flat boring bits in heavy protective plastic. Assortment includes 3/8", 1/2", 5/8", 3/4", 7/8" and 1" sizes in pockets for orderly storage, easy size selection.

12" FLAT BORING BIT EXTENSION NO. 48-28-3350

FLAT BORING BIT MERCHANDISER

NO. 49-22-0081 Supplied with bits as listed.

CATALOG NUMBER	NUMBER OF PACKAGES
48-27-0251	3
48-27-0311	3
48-27-0371	3
48-27-0441	3
48-27-0501	3
48-27-0561	3
48-27-0621	3
48-27-0681	3
48-27-0751	3
48-27-0811	3
48-27-0871	3
48-27-0941	3
48-27-1001	3
48-27-1121	3
48-27-1251	3
48-27-1371	3
48-27-1501	3
49-22-0071	3

HEAVY-DUTY BI-METAL* HOLE SAWS

3 TYPES: ALL SHATTER RESISTANT

MILWAUKEE Holes Saws provide an economical means of extending the useful range of portable drills, drill presses and lathes. High speed cutting edges welded to steel bodies produce clean, accurate holes. Shatter-resistant construction makes them safe to use and provides an extra margin of durability.

CARBIDE-TIPPED DEEP CUTTING

MILWAUKEE deep cutting, carbide-tipped Hole Saws are the fastest cutting carbide-tipped saws on the market. Longer life and faster cutting mean greater savings. Not recommended for metal.

- CUTS CERAMIC TILE
- FLAKEBOARD
- FIBERBOARD
- ASBESTOS BOARD
- FIBERGLASS
- WOOD

HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE EN-TRANCE SIZE	FOR COPPER PIPE SIZE (I.D.)
3/4"	49-56-0753	49-56-6950		
7/8"	49-56-0873	49-56-6960	1/2"	5/8"
1"	49-56-1003	49-56-7000		3/4"
1-1/8"	49-56-1123		3/4"	3/4"
1-1/4"	49-56-1253			1"
1-3/8"	49-56-1373		1"	
1-1/2"	49-56-1503	49-56-6970		1-1/4"
1-3/4"	49-56-1753		1-1/4"	1-1/2"
2"	49-56-2003	49-56-7055	1-1/2"	
2-1/4"	49-56-2253	49-56-7100		2"
2-1/2"	49-56-2503	49-56-7120	2"	2"
3"	49-56-3003		2-1/2"	2-1/2"
3-1/2"	49-56-3503			3"
4-1/4"	49-56-4253			4"

SEE PAGE 19 FOR ARBORS, ORDER ARBORS SEPARATELY

DEEP CUTTING AND STANDARD

BI-METAL CONSTRUCTION*

MILWAUKEE high speed steel Hole Saws are high production tools designed for cutting all machineable materials, including steel, aluminum, copper, brass, sheet metal, stainless steel, wood or plastics. Available in deep cutting and standard depth versions.

DEEP CUTTING

CUT TO 1-3/4" DEPTH

HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE EN-TRANCE SIZE	FOR COPPER PIPE SIZE (I.D.)
7/8"	49-56 0871	49-56-6950	1/2"	5/8"
1"	49-56-1001	49-56-6960		3/4"
1-1/8"	49-56-1121	49-56-7000	3/4"	3/4"
1-1/4"	49-56-1251			1"
1-3/8"	49-56-1371		1"	
1-1/2"	49-56-1501	49-56-6970		1-1/4"
1-3/4"	49-56-1751		1-1/4"	1-1/2"
2"	49-56-2001	49-56-7055	1-1/2"	
2-1/4"	49-56-2251	49-56-7100		2"
2-1/2"	49-56-2501	49-56-7120	2"	2"
3"	49-56-3001		2-1/2"	2-1/2"
3-3/8"	49-56-3371			3"
4-1/4"	49-56-4251			4"

SEE PAGE 19 FOR ARBORS, ORDER ARBORS SEPARATELY

*** BI-METAL CONSTRUCTION**
High speed steel teeth welded to a steel body will cut faster, last many times longer than ordinary steel hole saws.

STANDARD CUT TO 1-1/4" DEPTH

BI-METAL CONSTRUCTION*

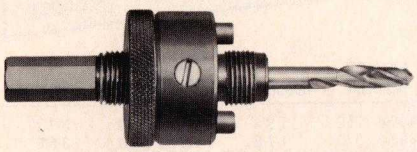
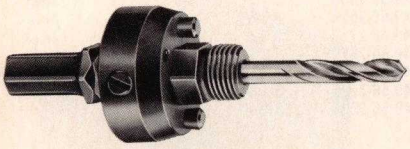
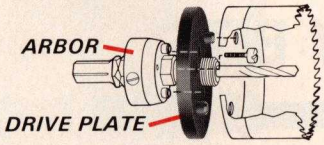
HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE TAP	PIPE SIZES PIPE EN-TRANCE	FOR COPPER PIPE SIZE (I.D.)
9/16"	49-56-0560				1/8"
5/8"	49-56-0620				1/4"
11/16"	49-56-0680				3/8"
3/4"	49-56-0750			3/8"	1/2"
13/16"	49-56-0810	49-56-6950			1/2"
7/8"	49-56-0870	49-56-6960	3/4"	1/2"	5/8"
15/16"	49-56-0930	49-56-7000			
1"	49-56-1000				3/4"
1-1/16"	49-56-1060				
1-1/8"	49-56-1120		1"	3/4"	3/4"
1-3/16"	49-56-1180				
1-1/4"	49-56-1250				1"
1-5/16"	49-56-1310				
1-3/8"	49-56-1370			1"	
1-7/16"	49-56-1430				
1-1/2"	49-56-1500		1-1/4"		1-1/4"
1-9/16"	49-56-1560	49-56-6970			
1-5/8"	49-56-1620				
1-11/16"	49-56-1680				
1-3/4"	49-56-1750		1-1/2"	1-1/4"	1-1/2"
1-13/16"	49-56-1810				
1-7/8"	49-56-1870				
2"	49-56-2000			1-1/2"	
2-1/16"	49-56-2060				
2-1/8"	49-56-2120				
2-1/4"	49-56-2250		2"		2"
2-5/16"	49-56-2310				
2-3/8"	49-56-2370				
2-1/2"	49-56-2500			2"	2"
2-9/16"	49-56-2560	49-56-7055			
2-5/8"	49-56-2620	49-56-7100	2-1/2"		
2-3/4"	49-56-2750	49-56-7120			
2-7/8"	49-56-2870				
3"	49-56-3000			2-1/2"	2-1/2"
3-1/8"	49-56-3120				
3-1/4"	49-56-3250		3"		
3-3/8"	49-56-3370				
3-1/2"	49-56-3500				
3-5/8"	49-56-3620			3"	
3-3/4"	49-56-3750		3-1/2"		
3-7/8"	49-56-3870				3-1/2"
4"	49-56-4000				
4-1/8"	49-56-4120			3-1/2"	3-1/2"
4-1/4"	49-56-4250		4"	3-1/2"	4"
4-3/8"	49-56-4370				
4-1/2"	49-56-4500			4"	4"
4-3/4"	49-56-4750				
5"	49-56-5000				
5-1/2"	49-56-5500				5"
6"	49-56-6000				

SEE PAGE 19 FOR ARBORS, ORDER ARBORS SEPARATELY

HEAVY-DUTY HOLE SAW ARBORS

ARBORS AND HOLE SAWS ARE INTERCHANGEABLE WITH MOST OTHER BRANDS

HOLE SAW ARBORS

	CATALOG NUMBER	THREAD SIZE	PILOT DRILL SIZE	RECOMMENDED FOR HOLE SAW SIZES
1/4" ROUND SHANK Drill chucks onto pilot drill. For small hole saws in light weight materials and wood.	**49-56-6950**	1/2"-20	1/4"	9/16" thru 1-3/16"
1/4" SHANK WITH 3 FLATS Three milled flats prevent slipping in chuck. For small hole saws in medium weight materials and wood.	**49-56-6960**	1/2"-20	1/4"	9/16" thru 1-3/16"
7/16" HEX SHANK Hex shank prevents slipping in chuck. For use with small hole saws in 1/2" and larger drills in medium to heavy weight materials.	**49-56-7000**	1/2"-20	1/4"	9/16" thru 1-3/16"
1/4" SHANK WITH 3 FLATS Three milled flats prevent slipping in chuck. For use with 1-1/4" to 2" hole saws in medium to heavy weight materials.	**49-56-6970**	5/8"-18	1/4"	1-1/4" thru 2"
 ***QUICK CHANGE 7/16" HEX SHANK*** Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.	**49-56-7055**	5/8"-18	1/4"	1-1/4" and larger
QUICK CHANGE 9/16" HEX SHANK Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.	**49-56-7100**	5/8"-18	1/4"	1-1/4" and larger
 ***SNAP LOCK 7/16" HEX SHANK*** Positive locking action will not slip out of adjustment. Pin drive construction eliminates slipping of hole saws and permits fast interchanging of sizes without removing arbor from chuck. Hex shank prevents slipping in chuck. Can be used with No. 49-57-7110 arbor drive plate.	**49-56-7120**	5/8"-18	1/4"	1-1/4" and larger
 ***ARBOR DRIVE PLATE*** Positive drive reduces drive hole elongation on large hole saws 2-5/8" thru 6". Use with No. 49-56-7120 arbor only.	**49-56-7110**	–	–	2-5/8" thru 6"

PILOT DRILLS 1/4" HIGH SPEED PILOT DRILLS

(A) (B) (C)

(A) **NO. 49-56-8000** For use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7100, 49-56-7120. For general cutting of wood and metal.

(B) **NO. 49-56-8002** With 1/4" fluting for light gauge metals. For use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7100, 49-56-7120.

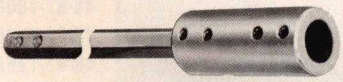
(C) **NO. 49-56-8003** For use with Hole Saw arbors 49-56-6960, 49-56-6970 and 49-56-7120. For general cutting of wood and metal.

1/4" CARBIDE-TIPPED PILOT DRILL

NO. 49-56-8005 For use with carbide-tip Hole Saws when drilling ceramic tile. Use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7100, 49-56-7120.

7/16" HEX EXTENSION SHANKS

For Hole Saws, Selfeed Bits and Auger Bits (1" dia. and larger) with 7/16" hex shank.

EXTENSION  COUPLING

TWO PIECE EXTENSION SHANK

CATALOG NUMBER	LENGTH	REQUIRED COUPLING	REPLACEMENT SET SCREW CATALOG NO.	REPLACEMENT SOCKET WRENCH CATALOG NO.
48-28-3112	5-1/2"	**48-28-0920**	06-83-2620	49-96-0060
48-28-3115	12"	**48-28-0920**	06-83-2620	49-96-0060
48-28-3300	18"	**48-28-0920**	06-83-2620	49-96-0060

ONE PIECE EXTENSION SHANK

48-28-3400	18"	No Coupling	06-83-6000	49-96-0070
48-28-3500	24"	Required	06-83-6000	49-96-0070

SEE PAGE 20 FOR HOLE SAW KITS

HEAVY-DUTY HOLE SAW KITS

DEEP CUTTING HOLE SAW KIT

DEEP CUTTING HOLE SAW KIT
NO. 49-22-4060

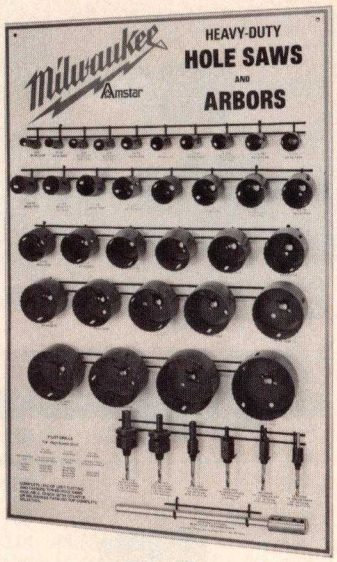
Consists of 1", 1-1/4", 1-1/2", 1-3/4", 2-1/4", 3", 3-3/8" sizes, Arbor Nos. 49-56-(7000 and 7055) and steel case.

STANDARD HOLE SAW KIT
NO. 49-22-4050

Consists of 7/8", 1-1/8", 1-1/2", 1-3/4", 2", 2-1/2" sizes. Arbor Nos. 49-56-(7000 and 7055) and steel case.

STEEL CASE ONLY
NO. 48-55-0760

Used with either of above kits.



STANDARD HOLE SAW AND ARBOR MERCHANDISER
NO. 49-22-4120

Conveniently mounts on wall or pegboard. Complete with one each of 33 most popular Standard Depth Hole Saws, 6 Arbors and 12" Extension and Coupling. Unit measures 24" wide × 36" high.

STANDARD HOLE SAW KIT

CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
49-56-0620	5/8"	49-56-1750	1-3/4"	49-56-3500	3-1/2"
49-56-0680	11/16"	49-56-1870	1-7/8"	49-56-3620	3-5/8"
49-56-0750	3/4"	49-56-2000	2"	49-56-3750	3-3/4"
49-56-0870	7/8"	49-56-2060	2-1/16"	49-56-4000	4"
49-56-0930	15/16"	49-56-2120	2-1/8"	49-56-4250	4-1/4"
49-56-1000	1"	49-56-2250	2-1/4"	49-56-6950	Arbor
49-56-1060	1-1/16"	49-56-2370	2-3/8"	49-56-6960	Arbor
49-56-1120	1-1/8"	49-56-2500	2-1/2"	49-56-6970	Arbor
49-56-1180	1-3/16"	49-56-2620	2-5/8"	49-56-7000	Arbor
49-56-1250	1-1/4"	49-56-2750	2-3/4"	49-56-7055	Arbor
49-56-1310	1-5/16"	49-56-2870	2-7/8"	49-56-7100	Arbor
49-56-1370	1-3/8"	49-56-3000	3"	48-28-3115	(12" Extension)
49-56-1500	1-1/2"	49-56-3120	3-1/8"	48-28-0920	(Coupling)
49-56-1620	1-5/8"	49-56-3250	3-1/4"		

CARBIDE-TIP MASONRY BITS

ONE PIECE DESIGN
(1/8" THRU 7/8")

TWO PIECE DESIGN
(1" THRU 1-1/2")
Shank is 1/2" hex dia. with 1/2"-13 thread . . . nut serves as bit shoulder

EXTRA LENGTH BIT
● (1/4" NO. 48-87-0251 and 1/2" NO. 48-87-0502)
Narrow lands and fast spiral for rapid dust removal

SPECIAL FEATURES

- **Alloy steel shank for strength and durability**
- **Shallow precision machined oval flutes prevent dust packing**
- **Carbide-tip...the hardest metal made...brazed to alloy steel bodies**

Drills masonry, brick, stone, plaster, slate. Wide, spiral flutes lift dust out of hole. Bit cuts at maximum efficiency without clogging. Produces clean, accurately sized holes fast. Carbide tip resists dulling. Bits may be resharpened on bench grinder using silicon carbide grinding wheel.

DIAMETER	CATALOG NUMBER	SHANK DIA.	OVERALL BIT LENGTH
1/8"	**48-87-0120**	1/8"	3"
5/32"	**48-87-0150**	5/32"	3"
11/64"	**48-87-0170**	11/64"	3"
3/16"	**48-87-0180**	3/16"	3"
7/32"	**48-87-0210**	1/4"	3"
1/4"	**48-87-0250**	1/4"	4"
1/4"	**48-87-0251●**	1/4"	12"
1/4"	**48-87-0253**	1/4"	6"
9/32"	**48-87-0280**	1/4"	4"
5/16"	**48-87-0310**	1/4"	4"
3/8"	**48-87-0370**	1/4"	4"
7/16"	**48-87-0430**	1/4"	6"

DIAMETER	CATALOG NUMBER	SHANK DIA.	OVERALL BIT LENGTH
1/2"	**48-87-0500**	3/8"	6"
1/2"	**48-87-0502●**	3/8"	18"
9/16"	**48-87-0560**	1/2"	6"
5/8"	**48-87-0620**	1/2"	6"
11/16"	**48-87-0680**	1/2"	6"
3/4"	**48-87-0750**	1/2"	6"
7/8"	**48-87-0870**	1/2"	6"
1"	**48-87-1000**	1/2"	12"
1-1/8"	**48-87-1120**	1/2"	12"
1-1/4"	**48-87-1250**	1/2"	12"
1-1/2"	**48-87-1500**	1/2"	12"

● Extra length bit

HIGH SPEED STEEL TWIST DRILLS

JOBBERS LENGTH TWIST DRILLS

• PRECISION GROUND FLUTES FOR ACCURATE HOLE SIZES • BLACK OXIDE FINISH ACTS AS LUBRICANT • HIGH SPEED STEEL THROUGHOUT • 118° POINT FOR EASIER STARTING • CAPABLE OF DRILLING WIDE RANGE OF MATERIALS INCLUDING CAST MALLEABLE IRON, STEEL, AND STEEL FORGINGS • THE ULTIMATE IN GENERAL PURPOSE JOBBERS DRILLS

NOTE: **LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM.**

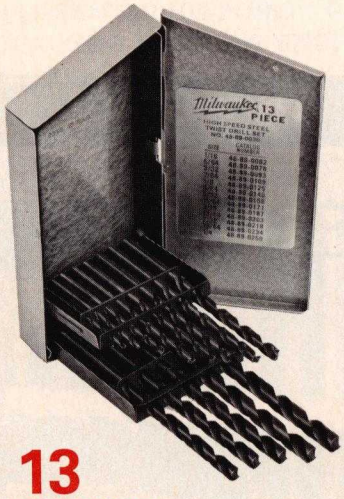
ALWAYS WEAR SAFETY GLASSES.

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE
48-89-0062	1/16"	12
48-89-0078	5/64"	12
48-89-0093	3/32"	12
48-89-0109	7/64"	12
48-89-0125	1/8"	12
48-89-0140	9/64"	12
48-89-0156	5/32"	12
48-89-0171	11/64"	12
48-89-0187	3/16"	12
48-89-0203	13/64"	12
48-89-0218	7/32"	12
48-89-0234	15/64"	12
48-89-0250	1/4"	12
48-89-0265	17/64"	12
48-89-0281	9/32"	12

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE
48-89-0296	19/64"	12
48-89-0312	5/16"	6
48-89-0328	21/64"	6
48-89-0343	11/32"	6
48-89-0359	23/64"	6
48-89-0375	3/8"	6
48-89-0390	25/64"	6
48-89-0406	13/32"	6
48-89-0421	27/64"	6
48-89-0437	7/16"	6
48-89-0453	29/64"	6
48-89-0468	15/32"	6
48-89-0484	31/64"	6
48-89-0500	1/2"	6

JOBBERS LENGTH TWIST DRILL SETS

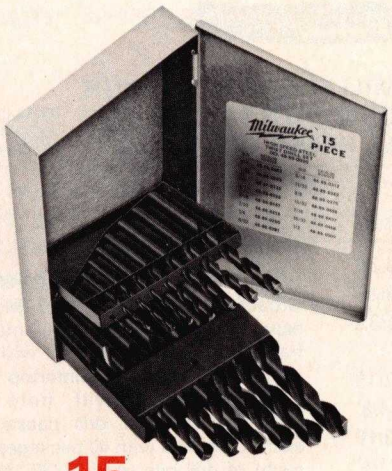
Available in steel "organizer" cases with folding, holding trays which have permanently marked drill sizes.



13 PIECE SET

NO. 48-89-0030 has two folding, holding trays. Sizes 1/16" to 1/4" by 64ths.

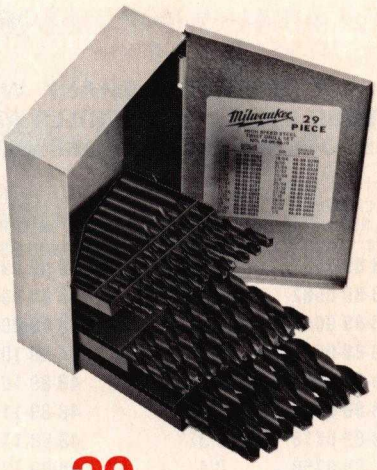
Case only, **NO. 48-55-0787.**



15 PIECE SET

NO. 48-89-0020 has two folding, holding trays. Sizes 1/16" to 1/2" by 32nds.

Case only, **NO. 48-55-0786.**



29 PIECE SET

NO. 48-89-0010 has three folding, holding trays. Sizes 1/16" to 1/2" by 64ths.

Case only, **NO. 48-55-0785.**

JOBBERS LENGTH TWIST DRILL MERCHANDISER

NO. 49-22-0105

Attractive walnut grained exterior with plexiglas front panel and red and white identification markings. 29 conveniently marked pockets with bit size for customer selection. Complete with 58 packages of MILWAUKEE twist drill bits (2 packages of each size) as listed in chart above. Convenient drill gauge.

HIGH SPEED STEEL TWIST DRILLS

PRECISION GROUND FLUTES FOR ACCURATE HOLE SIZES • BLACK OXIDE FINISH ACTS AS LUBRICANT

1/4" SHANK TWIST DRILLS

• 1/4" STRAIGHT SHANK • HIGH SPEED STEEL • DRILLS A WIDE RANGE OF MATERIALS INCLUDING SHEET METAL, CAST MALLEABLE IRON, METAL AND WOOD.

PACKED 1 BIT PER TUBE

CATALOG NUMBER	BIT SIZE	FLUTE LENGTH	OVERALL LENGTH	CATALOG NUMBER	BIT SIZE	FLUTE LENGTH	OVERALL LENGTH
48-89-0266	17/64"	2"	3-5/8"	48-89-0391	25/64"	2-1/2"	4-1/2"
48-89-0282	9/32"	2"	3-5/8"	48-89-0407	13/32"	2-1/2"	4-1/2"
48-89-0297	19/64"	2-1/8"	3-7/8"	48-89-0422	27/64"	2-5/8"	4-5/8"
48-89-0313	5/16"	2-1/8"	3-7/8"	48-89-0438	7/16"	2-5/8"	4-5/8"
48-89-0329	21/64"	2-1/4"	4-1/8"	48-89-0454	29/64"	2-3/4"	4-3/4"
48-89-0344	11/32"	2-1/4"	4-1/8"	48-89-0469	15/32"	2-3/4"	4-3/4"
48-89-0360	23/64"	2-3/8"	4-1/4"	48-89-0485	31/64"	2-7/8"	4-7/8"
48-89-0376	3/8"	2-3/8"	4-1/4"	48-89-0501	1/2"	2-7/8"	4-7/8"

1/4" SHANK TWIST DRILL MERCHANDISER
NO. 49-22-0090

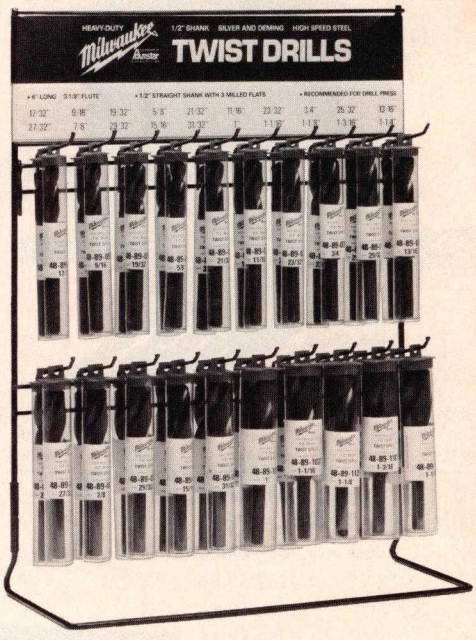
Attractive red, white and black header sign on a sturdy black metal frame. Can be mounted on wall or pegboard or used on counter top. 16 product hooks will hold over 100 MILWAUKEE twist drill packages. Complete with 64 packages (4 each) of the drill bits listed above.

1/2" SHANK TWIST DRILLS
SILVER AND DEMING

• 1/2" STRAIGHT SHANK WITH 3 MILLED FLATS • HIGH SPEED STEEL • ALL DRILLS ARE 6" LONG WITH 3-1/8" FLUTE. RECOMMENDED FOR USE WITH DRILL PRESS ONLY.

PACKED 1 BIT PER TUBE

CATALOG NUMBER	SIZE	CATALOG NUMBER	SIZE
48-89-0531	17/32"	48-89-0906	29/32"
48-89-0562	9/16"	48-89-0937	15/16"
48-89-0593	19/32"	48-89-0968	31/32"
48-89-0625	5/8"	48-89-1000	1"
48-89-0656	21/32"	48-89-1031	1-1/16"
48-89-0687	11/16"	48-89-1125	1-1/8"
48-89-0718	23/32"	48-89-1187	1-3/16"
48-89-0750	3/4"	48-89-1250	1-1/4"
48-89-0781	25/32"	48-89-1312	1-5/16"
48-89-0812	13/16"	48-89-1375	1-3/8"
48-89-0843	27/32"	48-89-1437	1-7/16"
48-89-0875	7/8"	48-89-1500	1-1/2"



1/2" SHANK TWIST DRILL MERCHANDISER
NO. 49-22-0095

Attractive red, white and black header sign on a sturdy black metal frame. Can be mounted on wall or pegboard or used on countertop. 20 product hooks will hold 2 MILWAUKEE twist drill packages each. Complete with 40 packages (2 each) of drill bits sizes 17/32" thru 1-1/4" as listed at left.

DOUBLE END TWIST DRILL

PACKED 12 DRILLS PER PACKAGE

CATALOG NUMBER	SIZE	CATALOG NUMBER	SIZE
48-89-8109	7/64"	48-89-8218	7/32"
48-89-8125	1/8"	48-89-8250	1/4"
48-89-8140	9/64"	48-89-8011	(No. 11)
48-89-8156	5/32"	48-89-8020	(No. 20)
48-89-8187	3/16"	48-89-8030	(No. 30)

• ECONOMICAL DOUBLE END BIT FOR DRILLING A WIDE RANGE OF MATERIALS INCLUDING SHEET METAL, CAST MALLEABLE IRON, METAL AND WOOD

• 135° SPLIT POINT

• LENGTHS APPROXIMATELY 2" TO 2-3/8"

NOTE: **LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.**

HIGH SPEED STEEL TWIST DRILLS

PRECISION GROUND FLUTES FOR ACCURATE HOLE SIZES • BLACK OXIDE FINISH ACTS AS LUBRICANT

STUB LENGTH TWIST DRILLS

- SELF-CENTERING POINT "GUIDE START" • 135° SPLIT POINT PREVENTS DRILL FROM WALKING
- IDEAL FOR USE BY HEATING AND AIR CONDITIONING, AUTO BODY SHOPS AND SHEET METAL WORKERS

PACKED 12 AND 6 PER PACKAGE. SEE CHARTS BELOW

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)	CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)	CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)
48-89-0064	1/16"	12	1-5/8	48-89-0220	7/32"	12	2-3/8	48-89-0377	3/8"	6	3-1/8
48-89-0080	5/64"	12	1-11/16	48-89-0236	15/64"	12	2-7/16	48-89-0392	25/64"	6	3-1/4
48-89-0095	3/32"	12	1-3/4	48-89-0252	1/4"	12	2-1/2	48-89-0408	13/32"	6	3-5/16
48-89-0111	7/64"	12	1-13/16	48-89-0267	17/64"	12	2-5/8	48-89-0423	27/64"	6	3-3/8
48-89-0127	1/8"	12	1-7/8	48-89-0283	9/32"	12	2-11/16	48-89-0439	7/16"	6	3-7/16
48-89-0142	9/64"	12	1-15/16	48-89-0298	19/64"	12	2-3/4	48-89-0455	29/64"	6	3-9/16
48-89-0158	5/32"	12	2-1/16	48-89-0314	5/16"	6	2-13/16	48-89-0470	15/32"	6	3-5/8
48-89-0173	11/64"	12	2-1/8	48-89-0330	21/64"	6	2-15/16	48-89-0486	31/64"	6	3-11/16
48-89-0189	3/16"	12	2-3/16	48-89-0345	11/32"	6	3	48-89-0502	1/2"	6	3-3/4
48-89-0205	13/64"	12	2-1/4	48-89-0361	23/64"	6	3-1/16				

STUB LENGTH WIRE SIZE TWIST DRILLS

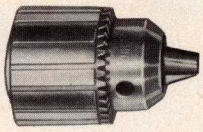
- SELF-CENTERING POINT "GUIDE START" • 135° SPLIT POINT PREVENTS DRILL FROM WALKING
- IDEAL FOR MACHINE SHOP USE

PACKED 12 PER PACKAGE

CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.	CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.	CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.
48-89-9001	1	1-5/16"	2-7/16"	12	48-89-9011	11	1-3/16"	2-1/4"	12	48-89-9028	28	15/16"	1-15/16"	12
48-89-9002	2	1-5/16"	2-7/16"	12	48-89-9014	14	1-1/8"	2-3/16"	12	48-89-9030	30	15/16"	1-15/16"	12
48-89-9007	7	1-3/16"	2-1/4"	12	48-89-9020	20	1-1/16"	2-1/8"	12	48-89-9040	40	13/16"	1-13/16"	12
48-89-9008	8	1-3/16"	2-1/4"	12	48-89-9021	21	1-1/16"	2-1/8"	12					
48-89-9010	10	1-3/16"	2-1/4"	12	48-89-9022	22	1-1/16"	2-1/8"	12					

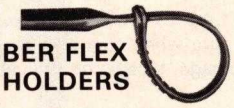
NOTE: LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.

INDUSTRIAL CHUCKS



CHUCK KEYS

RUBBER FLEX KEY HOLDERS



CHUCKS FOR NON-REVERSING DRILLS (Chuck Key Included)

CHUCK CATALOG NUMBER	CAPACITY	THREAD SIZE	CHUCK KEY CATALOG NUMBER	KEY HOLDER CATALOG NUMBER
48-66-0260	1/4"	3/8"-24	48-66-3200	48-66-4080
48-66-0300	1/4"	1/2"-20	48-66-3200	48-66-4080
48-66-0500	5/16"	3/8"-24	48-66-3240	48-66-4040
48-66-0540	5/16"	1/2"-20	48-66-3240	48-66-4040
48-66-0800	3/8"	3/8"-24	48-66-3080	48-66-4040
48-66-0810	3/8"	3/8"-24	48-66-3240	48-66-4040
48-66-0840	3/8"	1/2"-20	48-66-3280	48-66-4040
48-66-1280	1/2"	1/2"-20	48-66-3280	48-66-4040
48-66-1440	1/2"	5/8"-16	48-66-3120	48-66-4020
48-66-1640	5/8"	5/8"-16	48-66-3120	48-66-4020
48-66-2040	3/4"	5/8"-16	48-66-3160	48-66-4020
48-66-2050	3/4"	3/4"-16	48-66-3160	48-66-4020

CHUCKS FOR REVERSING DRILLS (Chuck Key Included)

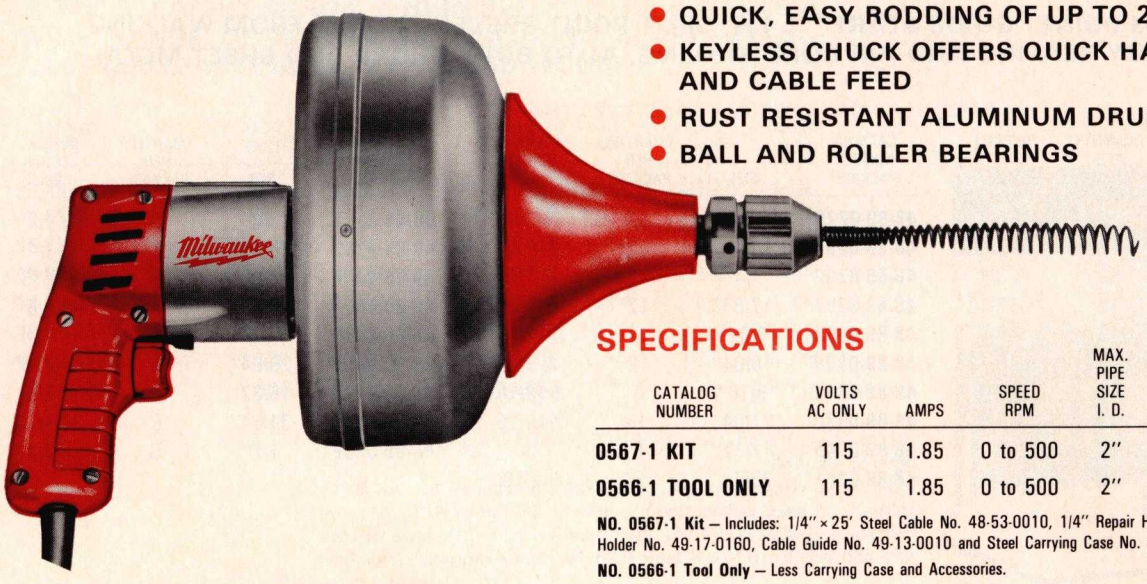
CHUCK CATALOG NUMBER	CAPACITY	THREAD SIZE	CHUCK KEY CATALOG NUMBER	KEY HOLDER CATALOG NUMBER
48-66-0104	1/4"	1/2"-20	48-66-3200	48-66-4080
48-66-0224	3/8"	1/2"-20	48-66-3280	48-66-4040
48-66-0230●	1/4"	#1 Taper	48-66-3200	48-66-4080
48-66-0240●	3/8"	#2 Taper	48-66-3080	48-66-4040
48-66-1360	1/2"	1/2"-20	48-66-3280	48-66-4040
48-66-1380	1/2"	5/8"-16	48-66-3280	48-66-4040
48-66-1480	1/2"	#6 Taper	48-66-3120	48-66-4020
48-66-1680	5/8"	#3 Taper	48-66-3120	48-66-4020
48-66-2000	3/4"	#3 Taper	48-66-3160	48-66-4020
48-66-2080	3/4"	#3 Taper	48-66-3160	48-66-4020

● Chuck Removal Wedges required (Set of 2)
For 1/4" Drill – #1 Jacobs Taper **No. 49-91-0010**
For 3/8" Drill – #2 Jacobs Taper **No. 49-91-0020**

HEAVY-DUTY DRAIN CLEANER

HOLDS UP TO 35′ OF 3/8″ CABLE OR 50′ OF 5/16″ INNER CORE CABLE

- ***TRIGGER SPEED CONTROL — REVERSING MOTOR PROTECTS CABLE FROM DAMAGE AND PERMITS SAFE OPERATION FROM 0 TO 500 RPM***



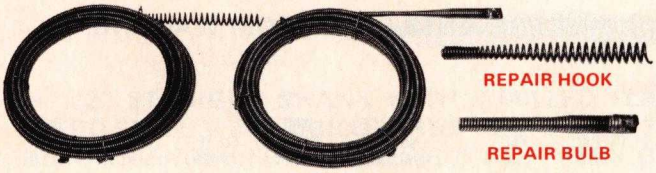
- **QUICK, EASY RODDING OF UP TO 2″ WASTELINES**
- **KEYLESS CHUCK OFFERS QUICK HAND TIGHTENING AND CABLE FEED**
- **RUST RESISTANT ALUMINUM DRUM**
- **BALL AND ROLLER BEARINGS**

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED RPM	MAX. PIPE SIZE I. D.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0567-1 KIT	115	1.85	0 to 500	2″	17	7-1/4	34
0566-1 TOOL ONLY	115	1.85	0 to 500	2″	17	7-1/4	10

NO. 0567-1 Kit — Includes: 1/4″ × 25′ Steel Cable No. 48-53-0010, 1/4″ Repair Hook No. 49-20-0020, Cable Guide Holder No. 49-17-0160, Cable Guide No. 49-13-0010 and Steel Carrying Case No. 48-55-6055.

NO. 0566-1 Tool Only — Less Carrying Case and Accessories.



REPAIR HOOK

REPAIR BULB

STEEL CABLE

INNER-CORE DROP HEAD CABLE

STEEL CARRYING CASE ONLY
NO. 48-55-6055

STEEL CABLE is right-hand wound cable which expands when torque is applied. Designed for feeding through crossbars, down through and around the goose neck, or traps. It eliminates removal of the trap or clean out plug.

STEEL CABLES

NO. 48-53-0015 5/16″ x 25′ Includes repair hook.
NO. 48-53-0035 5/16″ x 30′ Includes repair hook.
NO. 48-53-0010 1/4″ x 25′ Includes repair hook.
NO. 48-53-0030 1/4″ x 30′ Includes repair hook.

INNER-CORE DROP HEAD CABLE is left-hand wound cable which tightens against center core when torque is applied, making a solid shaft. Once through stoppage, tension on the cable is released, and it becomes flexible again.

INNER-CORE DROP HEAD CABLES

NO. 48-53-0020 5/16″ x 25′ Includes drop head, 3/4″ and 1″ cutter, socket head screws and wrenches for changing heads.

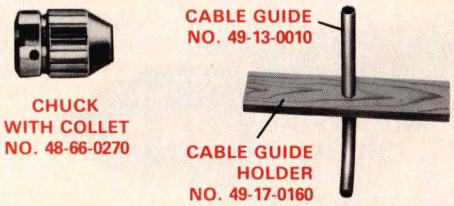
NO. 48-53-0025 5/16″ x 30′ Includes drop head, 3/4″ and 1″ cutter, socket head screws and wrenches for changing heads.

NO. 48-53-0040 5/16″ x 50′ Includes drop head, 3/4″ and 1″ cutter, socket head screws and wrenches for changing heads.

NO. 48-53-0050 3/8″ x 35′ Includes drop head, 1″ and 1-1/4″ cutter, socket head screws and wrenches for changing heads, extraction hook.

DROP HEAD PARTS KIT NO. 49-22-2500
For 5/16″ Inner-Core Cable — includes drop head set screw for drop head, socket wrench for drop head, 3/4″ cutter, 1″ cutter, set screws and socket wrench for cutters.

DROP HEAD PARTS KIT NO. 49-22-2510
For 3/8″ Inner Core Cable — includes drop head, set screw for drop head, socket wrench for drop head, 1″ and 1-1/4″ cutter, set screws and wrench for cutters, extraction hook.



CHUCK WITH COLLET
NO. 48-66-0270

CABLE GUIDE
NO. 49-13-0010

CABLE GUIDE HOLDER
NO. 49-17-0160

DROP HEAD ASSEMBLY

CUTTER

REPAIR HOOK NO. 49-20-0020 for 1/4″ steel cable.
REPAIR HOOK NO. 49-20-0040 for 5/16″ steel cable.
REPAIR BULB NO. 48-50-0010 for 5/16″ inner-core drop head cable.
REPAIR BULB NO. 48-50-0020 for 3/8″ inner-core drop head cable.
DROP HEAD ASSEMBLY NO. 49-16-0010 for 5/16″ inner-core drop head cable.
DROP HEAD ASSEMBLY NO. 49-16-0020 for 3/8″ inner-core drop head cable.
CUTTER 3/4″ NO. 48-38-0050 for 5/16″ inner-core drop head cable.
CUTTER 1″ NO. 48-38-0060 for 5/16″ inner-core drop head cable.
CUTTER 1″ NO. 48-38-0070 for 3/8″ inner-core drop head cable.
CUTTER 1-1/4″ NO. 48-38-0080 for 3/8″ inner-core drop head cable.
TYPE "A" GREASE NO. 49-08-0500 1/2 LB. CAN
TYPE "A" GREASE NO. 49-08-0800 1 LB. CAN

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

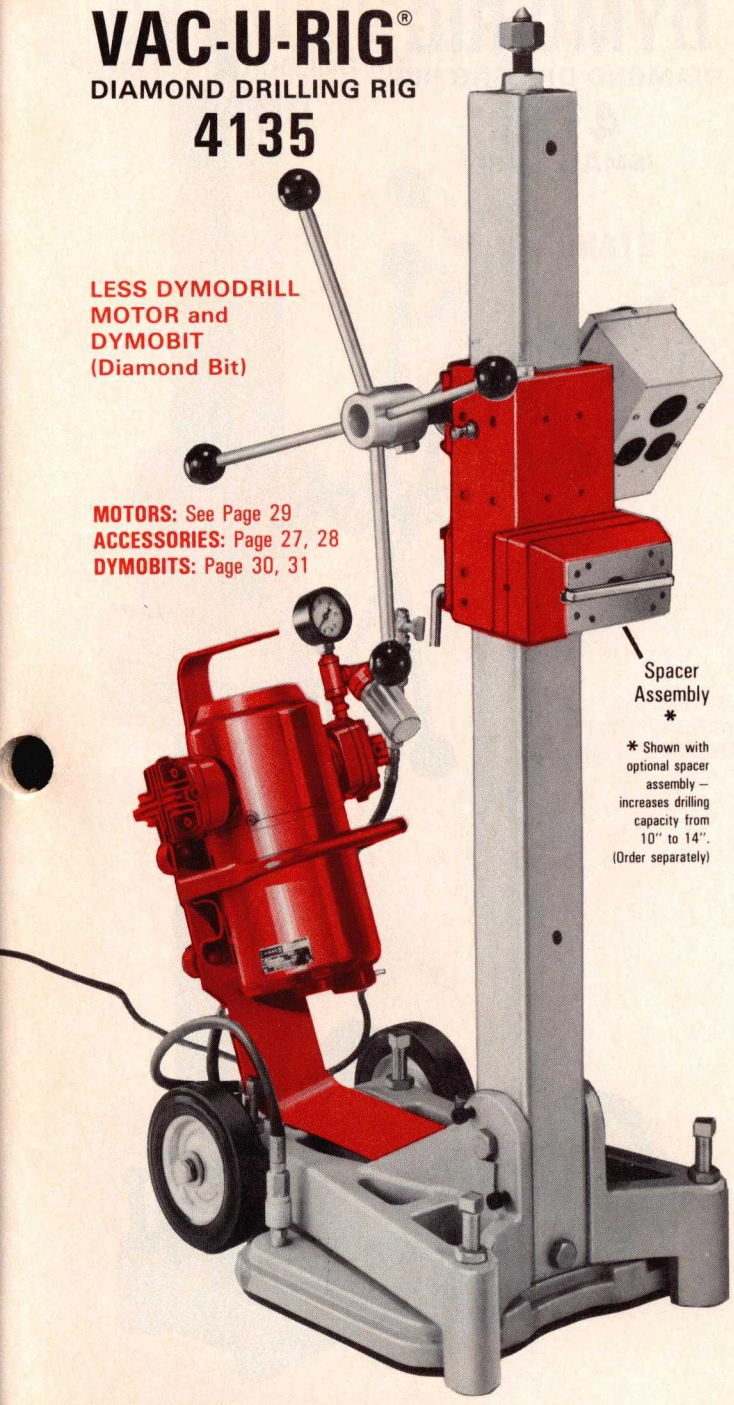
VAC-U-RIG®

DIAMOND DRILLING RIG

4135

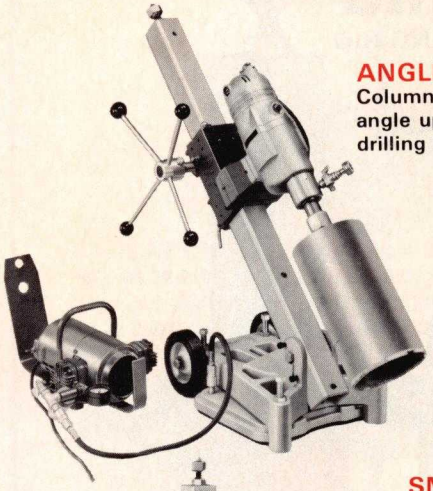
LESS DYMODRILL MOTOR and DYMOBIT (Diamond Bit)

MOTORS: See Page 29
ACCESSORIES: Page 27, 28
DYMOBITS: Page 30, 31



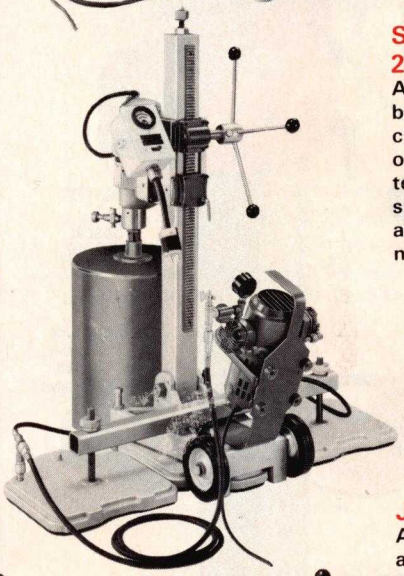
* Shown with optional spacer assembly — increases drilling capacity from 10" to 14". (Order separately)

For use with DYMODRILL motors. The No. 4135 VAC-U-RIG® consists of a No. 4130 DYMORIG, a 30 amp meter box No. 48-51-0100, and a VAC-U-RIG® attachment kit No. 49-22-7070. Includes large base with wheels and four leveling screws, adjustable tilting column, cradle for motor mounting, four spoke wheel feed control, bubble level and jack screw. The VAC-U-RIG® attachment kit supplied with No. 4135 includes one vacuum pad and a vacuum pump assembly with gauge, filter, air hose and fittings. The No. 4135 can also be used without vacuum and will accept small base assembly No. 48-10-0080. Net weight 126 lbs. Shipping weight 148 lbs.



ANGLE DRILLING
Columns can be set at any angle up to 45° when angle drilling is required.

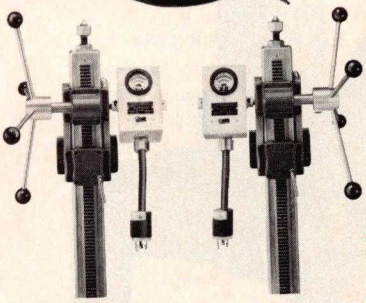
EXTRA RIGIDITY
The 3" square tubular column has 1/4" thick walls for superior strength in demanding situations.



SMOOTH CRADLE 28" TRAVEL
Adjustable and fixed brass gibs inside the cradle contact all sides of the cradle for proper tension. Gibs provide smooth cradle travel and precise drill alignment.

EXTRA HOLDING POWER
Up to three vacuum pads can be used with the diamond drilling rigs for extra holding power.

JACK SCREW
Adjustable jack screw at top of column provides maximum rigidity when used with telescoping assembly between ceiling and floor. Jack Screw is narrower than the column allowing quick cradle removal.



REMOVABLE CRADLE
For easy wall mounting.

BUBBLE LEVEL
For quick, accurate leveling. Level is mounted on cradle for easy viewing.

RIGHT OR LEFT HANDED OPERATION
The four spoke wheel feed control and the meter box mount on either side of the cradle for right or left-handed operation.
The meter box rotates 360°. It can be mounted facing the front or the back of the rig for clear viewing.

MILWAUKEE Diamond Drilling Equipment parts for Models 4125, 4130 and 4135 are completely interchangeable. All these units can be used with the large or small base assemblies and with or without vacuum.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

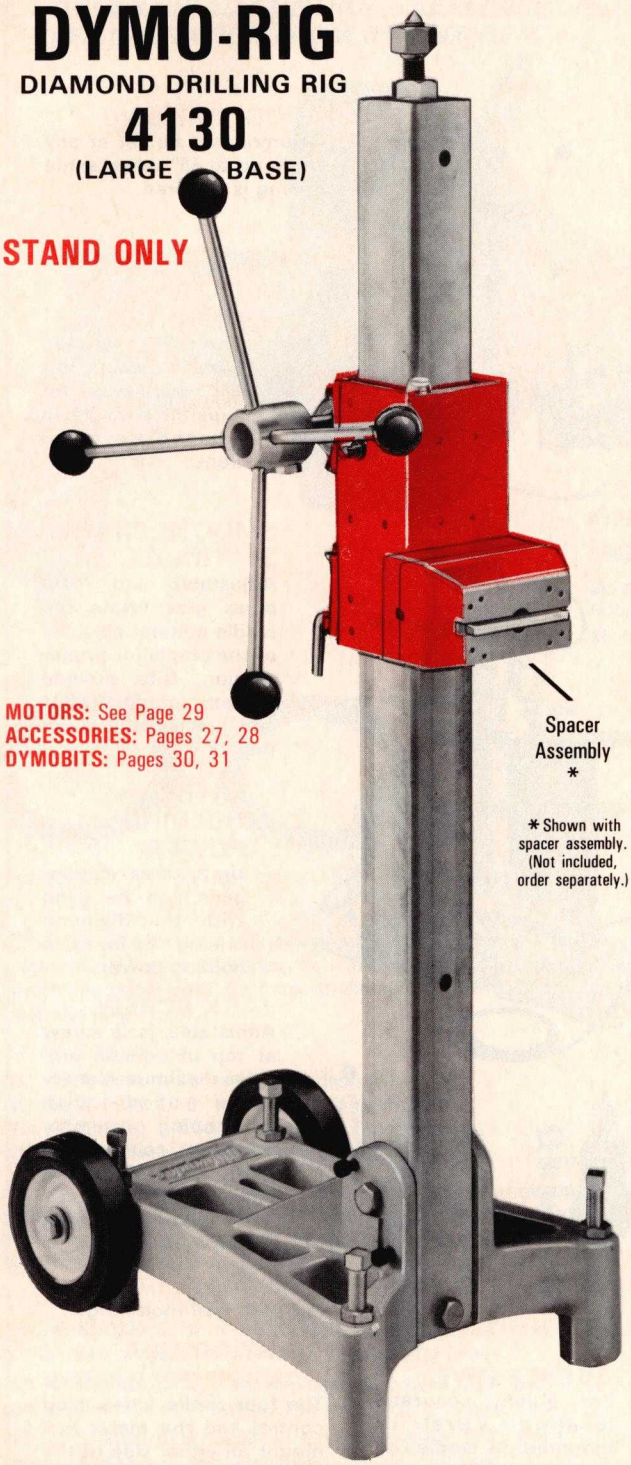
DYMO-RIG

DIAMOND DRILLING RIG

4130

(LARGE BASE)

STAND ONLY



MOTORS: See Page 29
ACCESSORIES: Pages 27, 28
DYMOBITS: Pages 30, 31

*Shown with spacer assembly. (Not included, order separately.)

The same as the 4135, but without the meter box and the VAC-U-RIG® attachment kit. The large base can be floor or wall mounted with a bolt type anchor or braced from the ceiling with a telescoping assembly by using the jack screw. The base can be replaced with No. 48-10-0080 small base or used with a VAC-U-RIG® attachment kit to convert the 4130 into a 4135 VAC-U-RIG® . Order meter box separately. Net weight 82.5 lbs. Shipping weight 103.5 lbs.

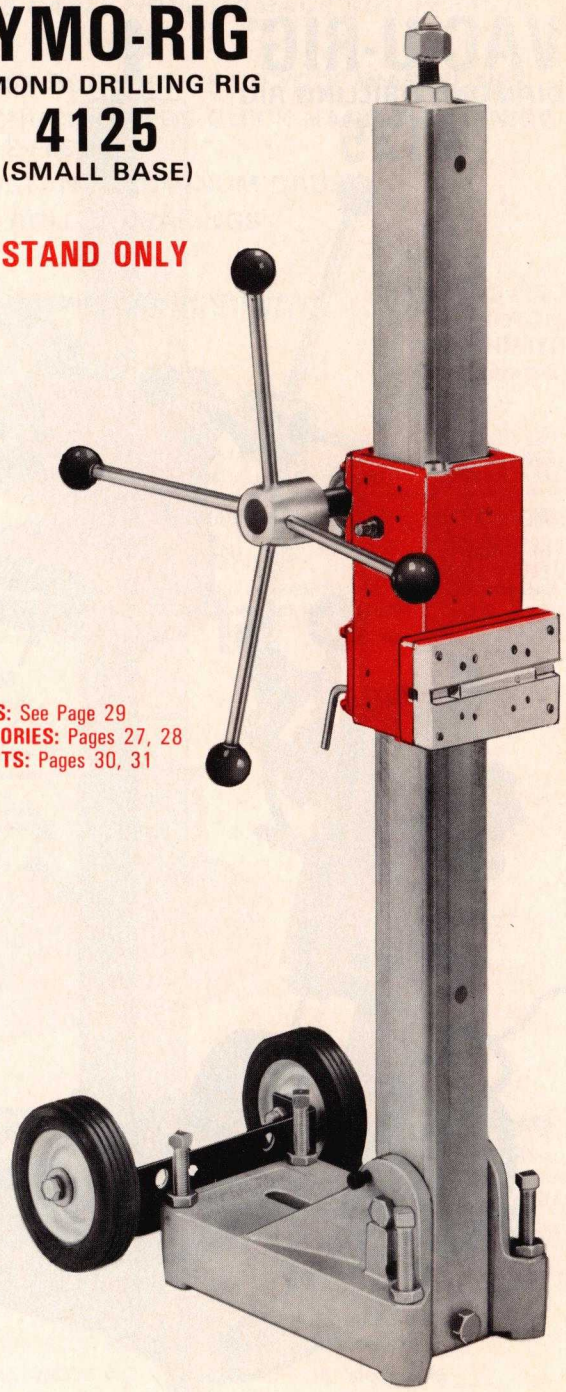
DYMO-RIG

DIAMOND DRILLING RIG

4125

(SMALL BASE)

STAND ONLY



MOTORS: See Page 29
ACCESSORIES: Pages 27, 28
DYMOBITS: Pages 30, 31

The same as the 4130 DYMORIG at left but with a smaller base for confined drilling situations. For more support, the small base can be used with a VAC-U-RIG® attachment kit No. 49-22-7070, or it can be replaced with the large base assembly, converting it into a 4130 DYMORIG. The 4125 will accept the same attachments as the 4130 and the 4135. Order meter box separately. Net weight 71 lbs. Shipping weight 92 lbs.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

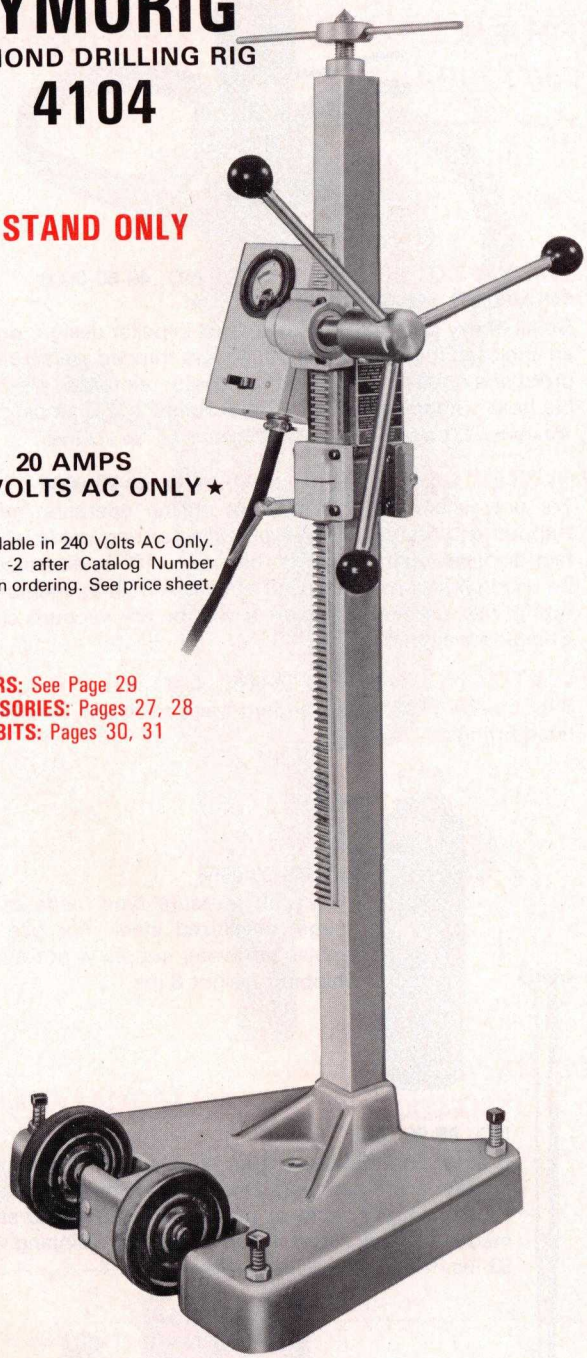
FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

DYMORIG

DIAMOND DRILLING RIG

4104

STAND ONLY



20 AMPS
120 VOLTS AC ONLY★

★ Available in 240 Volts AC Only. Add -2 after Catalog Number when ordering. See price sheet.

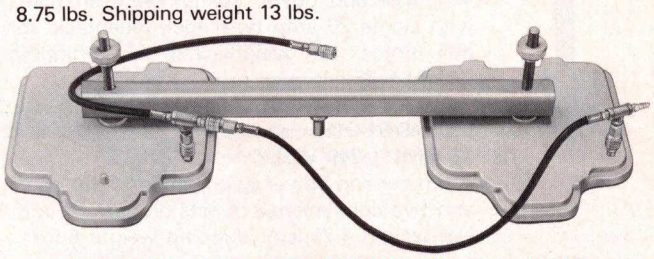
MOTORS: See Page 29
ACCESSORIES: Pages 27, 28
DYMOBITS: Pages 30, 31

Rack and pinion feed — 24" 3 spoke feed control for uniform drilling pressure. Two color range ammeter indicates proper pressure and drilling speed — Jack Screw at top for bracing support to ceiling. DYMORIG can be used with VAC-U-RIG® Attachment Kit (see right). Net weight 65 lbs. Shipping weight 74 lbs.

ACCESSORIES

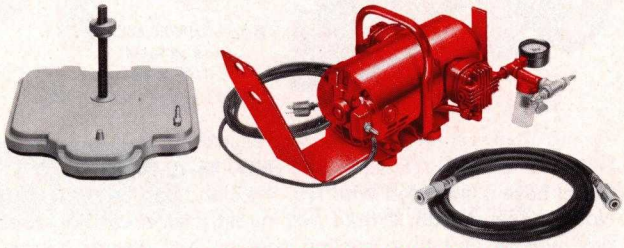
VACUUM PAD ASSEMBLY (Single Pad)

NO. 49-22-7100 Single vacuum pad. Same as supplied with No. 4135 and VAC-U-RIG® attachment kits No. 49-22-7070 and No. 49-22-7080. Can be used with No. 4130 and No. 4125. Net weight 8.75 lbs. Shipping weight 13 lbs.



VACUUM PAD ASSEMBLY (Double Pad)

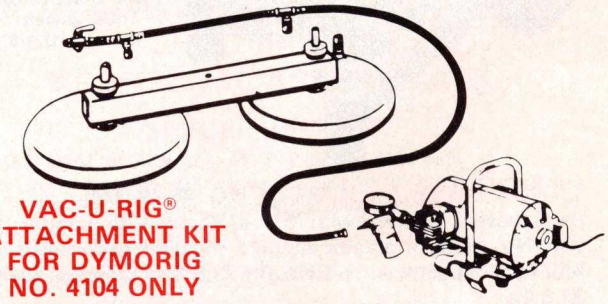
NO. 49-22-7090 Provides extra holding force when needed. For use with Nos. 4135, 4130 and 4125. Includes two vacuum pads, cross-bar assembly and hoses. Can be used separately or in addition to the single pad supplied with the VAC-U-RIG® or VAC-U-RIG® attachment kit. Net weight 30 lbs. Shipping weight 34 lbs.



VAC-U-RIG® ATTACHMENT KIT

NO. 49-22-7070 120 VOLT Complete vacuum assemblies consisting of one vacuum pad and vacuum pump assembly with switch, gauge, filter, 8 foot air hose and fittings. Same as furnished with No. 4135 and also for use with Nos. 4130 and 4125. Net weight 40 lbs. Shipping weight 46 lbs.

NO. 49-22-7080 240 VOLT Same as above but with 240 Volt vacuum pump assembly.



VAC-U-RIG® ATTACHMENT KIT FOR DYMORIG NO. 4104 ONLY

NO. 49-22-7050 Complete vacuum assemblies consisting of two 13" diameter suction pads, cross-bar, vacuum pump assembly with switch, gauge, filter, air hose and fittings. Converts to vacuum mounting. Net weight 61 lbs. Shipping weight 65 lbs.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

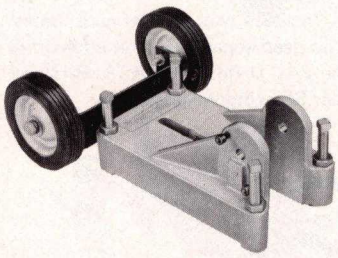
ACCESSORIES

METER BOXES

NO. 48-51-0100
30 AMP 120 VOLT
Supplied with No. 4135 and also available as an accessory. Ammeter and power switch on front panel and two convenience outlets on back of unit. Net weight 4.75 lbs. Shipping weight 6 lbs.

NO. 48-51-0120
20 AMP 120 VOLT
Ammeter and power switch on front panel with single 20 amp twist lock receptacle for drill motor. Net weight 3.75 lbs. Shipping weight 5.25 lbs.

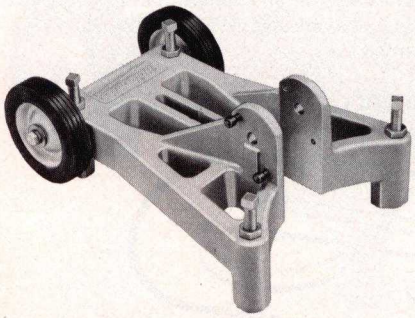
NO. 48-51-0110
15 AMP 240 VOLT
Ammeter and power switch are on front panel and two convenience outlets on back of unit. Net weight 4.75 lbs. Shipping weight 6 lbs.



BASE DIMENSIONS
(less wheels)
7-1/4" x 13"

SMALL BASE ASSEMBLY NO. 48-10-0080

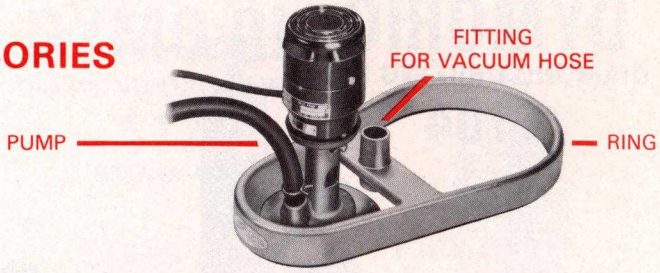
Small base is included with No. 4125 and can be used with Nos. 4130 and 4135. Works well in restricted areas. Includes two wheels and four leveling screws. Net weight 22 lbs. Shipping weight 26 lbs.



BASE DIMENSIONS
(less wheels)
13-1/4" x 17-1/8"

LARGE BASE ASSEMBLY NO. 48-10-0090

Large base is included with Nos. 4130 and 4135. Can be used with No. 4125 for greater support. Includes two wheels and four leveling screws. Net weight 33.5 lbs. Shipping weight 37.5 lbs.



WATER COLLECTOR PUMP NO. 49-50-0050

115 VOLTS 50-60 Hz AC ONLY ★
Small heavy-duty pump of balanced impeller design, driven by an enclosed motor. Pumps out excess trapped water, abrasive-proof and quiet running. Furnished with reinforced plastic flexible hose. Shipping weight 12 lbs. Rated at 2.5 amps.
★ Available in 230 Volts. Use No. 49-50-0052 when ordering. See price sheet.

NEW WATER COLLECTING RING NO. 48-70-0060

For use where water flow from drilling operation must be trapped and drained. Dike-type collector ring holds water for fast disposal when used with bits up to 10" in diameter. May be used with pump described above. A built-in vacuum hose fitting also permits use with a wet or dry vacuum cleaner. Shipping weight 8.75 lbs.

NEW WATER HOSE NO. 49-18-0055 5/8" I.D. × 8'

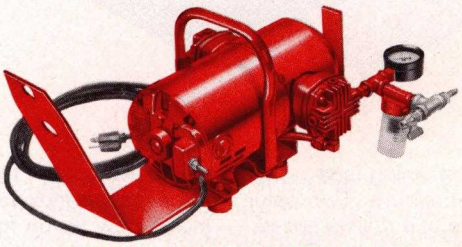
8 foot water hose with standard brass male and female water hose fittings.

WATER TANK

NO. 49-76-0050
3-1/2 gal. pressure type made of heavy gauge galvanized steel. For use where regular tap water supply is not available. Shipping weight 8 lbs.

TELESCOPING EXTENSION ASSEMBLY

NO. 48-95-1000
Braces unit between floor and ceiling for maximum rigidity. Fixed hole adjustments. Assembly adjusts to 14 foot ceilings. Fractional take up between fixed settings made with jack screw at top of stands. Shipping weight 33 lbs.



VACUUM PUMP ASSEMBLY

NO. 49-50-0140 (120 VOLT) NO. 49-50-0150 (240 VOLT)
Heavy-duty 1/8 H.P. pump complete with vacuum gauge, air filter, switch and cord. May be mounted to base of unit if desired. Same as furnished with No. 4135 and VAC-U-RIG® ATTACHMENT KIT. Net weight 30 lbs. Shipping weight 34 lbs.

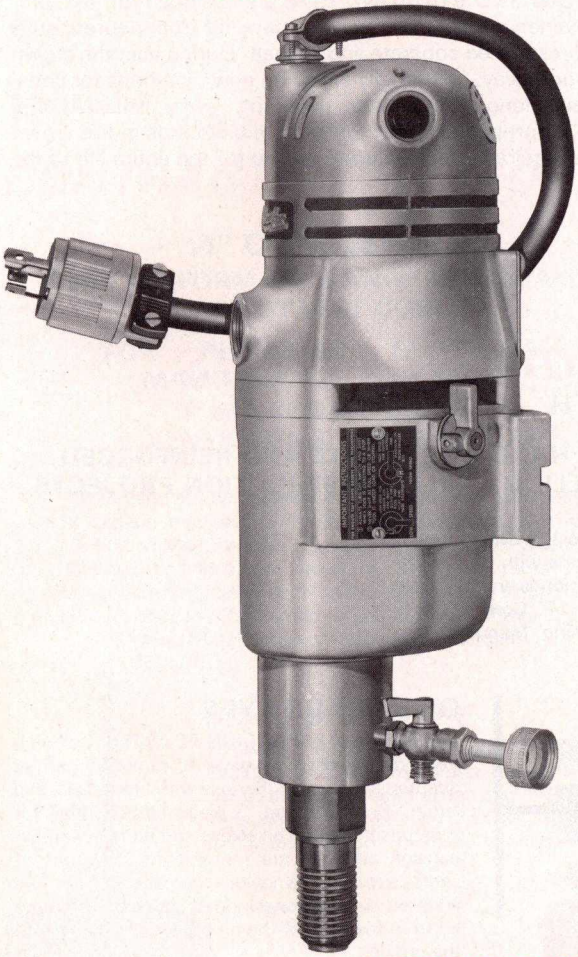
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

TWO SPEED DYMODRILL MOTORS

FOR USE WITH VAC-U-RIG® and DYMORIG DIAMOND CORE DRILL RIGS

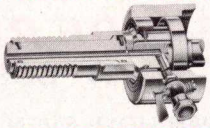


FEATURES:

- 15 AMP AND 20 AMP MOTORS
- ALL BALL AND ROLLER BEARING
- TRIPLE REDUCTION GEARING
- HEAVY-DUTY MILWAUKEE-BUILT MOTOR

All lead wires fused to commutator bars to guard against open circuits. Armatures are dynamically balanced for smooth running, high efficiency and long life.

- BUILT-IN WATER SWIVEL



With spring-loaded, leakproof seals. Directs flow of water to drilling edge of diamond bit to keep diamonds cool and cutting at top efficiency . . . flushes away cuttings.

- SHEAR PIN PROTECTION

Protects gears and motor against overload and allows machine to operate at safe torque. Shear pins easily replaced. Extra pins are included with each unit.

STANDARD SHEAR PIN NO. 44-60-0050
***HARDENED SHEAR PIN NO. 44-60-0030**

**Offers more strength.*
For experienced commercial drilling contractors only.

- TWO SPEED SHIFT LEVER

Speed changes are easily made by means of a conveniently located shift lever which transfers drive gear from one position to the other. Gears are constantly in mesh.

TWO SPEED DYMODRILL MOTOR SPECIFICATIONS

15 AMP MODELS

CATALOG NUMBER	VOLTS	AMPS	SPEED RPM	SUGGESTED DRILLING CAPACITY	NET WGT. LBS.	SHP. WGT. LBS.
4030	120	15●	375 750	5"-8" 2-1/2"-5"	24	32
4035	120	15●	500 1000	3"-5" 1-1/4"-3"	24	32

● Cord equipped with 20 amp twist lock plug.

20 AMP MODELS

Advanced, High Performance motor design provides 60% more peak horsepower than 15 amp models. Maintains higher speed under load for up to 100% increase in drilling rates. Lightweight — up to 8 lbs. lighter than competitive units.

4029 ★	120	20●	300 600	5"-10" 2-1/2"-5"	24	32
4034 ★	120	20●	450 900	3-1/2"-6-1/2" 1-1/2"-3-1/2"	24	32
4039 ★	120	20●	600 1200	2-1/2"-5-1/2" 1/4"-2-1/2"	24	32

★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet.
● Cord equipped with 20 amp twist lock plug.

Spindle Thread Size All Models 1-1/4"-7.

Capacity ranges listed on specific models are for maximum drilling efficiency in average aggregate. Speeds must be adjusted for material conditions. All models can also be used for other diameters.

STANDARD EQUIPMENT includes built-in water swivel, adapter to receive standard water hose, water control valve, extra shear pins, also an open end wrench for removing bits.

ADDITIONAL ACCESSORIES

SPACER WITH KEY

NO. 49-67-0050 for Rigs Nos. 4114, 4119 and 4104 only.
Allows use of bits thru 10" diameter. Spacer 1" thick, fits between cradle of Rig and Drill. Four mounting screws included.

3/16" ALLEN WRENCH

NO. 49-96-0085 For mounting DYMODRILLS to cradle of VAC-U-RIG®.

1-3/8" OPEN END WRENCH

NO. 49-96-4700 For DYMODRILLS listed in charts at left.

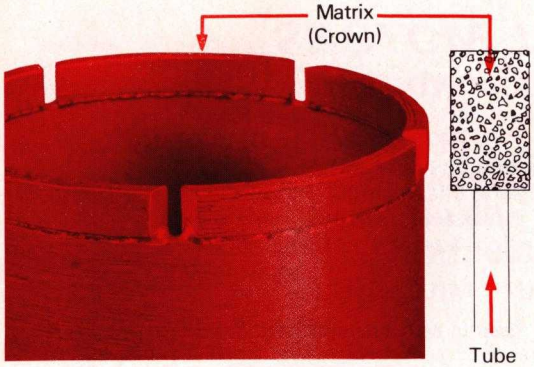
GREASE TYPE "C" FOR TWO SPEED MODELS

NO. 49-08-1000 1 Lb. Can.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY IMPREGNATED DIAMOND BITS

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE



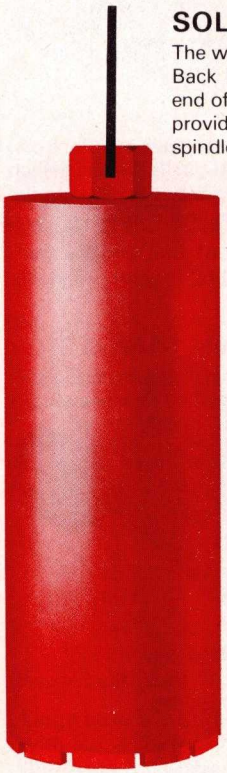
MILWAUKEE IMPREGNATED DIAMOND BITS are designed for fast, efficient cutting in a wide variety of concrete products ranging from poured, steel reinforced concrete to prestressed concrete and asphalt. During use, the crown of the bit is gradually worn away, continually exposing new diamonds for constant cutting speeds and long life. Before shipment, every MILWAUKEE diamond bit is "run in" to properly expose the surface diamonds in the crown so no break-in period is required—fast accurate drilling for the entire life of the bit.

PREMIUM GRADE RED CROWN DYMOBITS

14" CORE LENGTH

MORE HOLES AT LESS COST PER HOLE EVEN THROUGH HARD AGGREGATE AND REINFORCED CONCRETE FOR • DRILLING CONTRACTORS • LINE DRILLING • ALL CONSTRUCTION PROJECTS

Improved Red Crown Premium Bit Life is up to 1-1/2 times longer than previous MILWAUKEE Red Crown designs with up to 50% faster drilling speeds. Highly concentrated diamonds are uniformly distributed throughout a metal bond matrix. 14" Core length is standard. Conforms to Diamond Core Drilling Manufacturers Association standards.



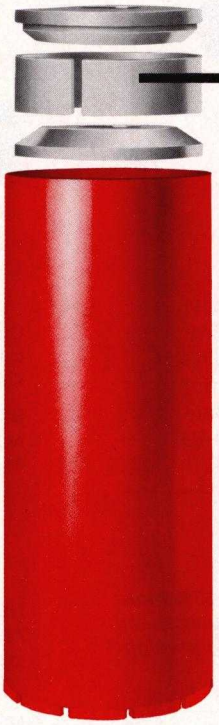
SOLID BACK TYPE

The welded adapter is an integral part of the Solid Back Bit. Precision machined and centered, the end of the adapter is threaded and milled flats are provided for easy removal of DYMOBIT from the spindle of Drill with open end wrench.

NOMINAL BIT SIZE O.D.	CATALOG NUMBER	‡ THREAD SIZE	MAXIMUM DRILLING DEPTH
3/4"	**48-16-0755**	5/8"-11†	14"
7/8"	**48-16-0875**	5/8"-11†	14"
1"	**48-16-1005**	5/8"-11†	14"
1-1/4"	**48-16-1258**	5/8"-11†	14"
1-1/2"	**48-16-1505**	5/8"-11†	14"
2"	**48-16-2006**	1-1/4"-7	14"
2-1/2"	**48-16-2506**	1-1/4"-7	14"
2-3/4"	**48-16-2755**	1-1/4"-7	14"
3"	**48-16-3006**	1-1/4"-7	14"
3-1/2"	**48-16-3506**	1-1/4"-7	14"
4"	**48-16-4006**	1-1/4"-7	14"
4-1/2"	**48-16-4505**	1-1/4"-7	14"
5"	**48-16-5006**	1-1/4"-7	14"
6"	**48-16-6006**	1-1/4"-7	14"
7"	**48-16-7005**	1-1/4"-7	14"
8"	**48-16-8005**	1-1/4"-7	14"
9"	**48-16-9005**	1-1/4"-7	14"
10"	**48-16-9505**	1-1/4"-7	14"

‡NOTE—Check thread size with spindle thread on Drill or refer to specifications for DYMODRILLS. It may be necessary to use a threaded Adapter to fit Drill spindle.

† When used with Drills with 1-1/4"-7 thread use Threaded Adapter No. 48-04-0160.



OPEN BACK TYPE

Require use of EXPANSION ADAPTER. Split ring expands against bit sleeve as threaded part of adapter is drawn up. For use with bits 1-1/2" and larger. Self-centering. 3 piece friction drive for easy positioning of bit sleeve and bit removal. Expansion adapters are reusable for new bits of same size. By removing the sleeve from the adapter, an occasional lodged core can be removed from the back of the bit preventing damage to the crown.

NOMINAL BIT SIZE O.D.	CATALOG NUMBER	EXPANSION ADAPTER (REQUIRED) CATALOG NUMBER	‡ THREAD SIZE	MAXIMUM DRILLING DEPTH
1-1/2"	**48-16-1511**	**48-04-1503**	5/8"-11†	14"
2"	**48-16-2011**	**48-04-2000**	1-1/4"-7	14"
2-1/2"	**48-16-2511**	**48-04-2500**	1-1/4"-7	14"
3"	**48-16-3011**	**48-04-3000**	1-1/4"-7	14"
4"	**48-16-4011**	**48-04-4000**	1-1/4"-7	14"
5"	**48-16-5011**	**48-04-5000**	1-1/4"-7	14"
6"	**48-16-6011**	**48-04-6000**	1-1/4"-7	14"

‡NOTE—Check thread size with spindle thread on Drill or refer to specifications for DYMODRILLS. It may be necessary to use a threaded Adapter to fit Drill spindle.

†When used with Drills with 1-1/4"-7 thread use Threaded Adapter No. 48-04-0160.

PREMIUM GRADE RED CROWN BITS AVAILABLE IN SPECIAL DIAMETER AND LENGTHS ON SPECIAL ORDER—CONTACT FACTORY.

HEAVY-DUTY IMPREGNATED DIAMOND BITS

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

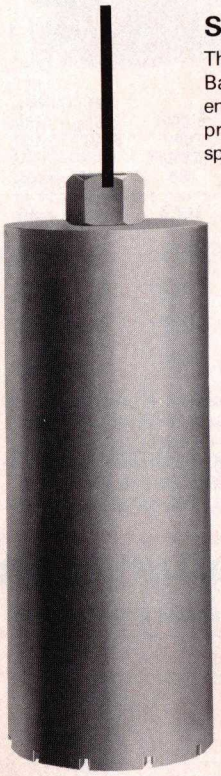
STANDARD CONTRACTORS DYMOBITS

14" CORE LENGTH

HIGH PERFORMANCE AND HIGH QUALITY AT LOWEST COST

FOR • PLUMBING • ELECTRICAL MAINTENANCE • HEATING • AIR CONDITIONING • VENTILATING CONTRACTORS

Crown and segment dimensions plus new low cost make this bit a general purpose contractors tool. Designed specifically for drilling smaller numbers of a specific size hole or where difficult drilling conditions may result in damage to more expensive longer life bits. Same high speed drilling rates as premium Red Crown bits. 14" Core length is standard. Conforms to Diamond Core Drilling Manufacturers Association standards.



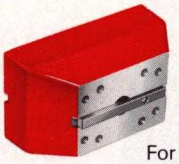
SOLID BACK TYPE

The welded adapter is an integral part of the Solid Back Bit. Precision machined and centered, the end of the adapter is threaded and milled flats are provided for easy removal of DYMOBIT from the spindle of Drill with open end wrench.

NOMINAL BIT SIZE O.D.	CATALOG NUMBER	‡ THREAD SIZE	MAXIMUM DRILLING DEPTH
2"	**48-16-2007**	1-1/4"-7	14"
2-1/2"	**48-16-2507**	1-1/4"-7	14"
3"	**48-16-3007**	1-1/4"-7	14"
3-1/2"	**48-16-3507**	1-1/4"-7	14"
4"	**48-16-4007**	1-1/4"-7	14"
4-1/4"	**48-16-4257**	1-1/4"-7	14"
5"	**48-16-5007**	1-1/4"-7	14"
6"	**48-16-6007**	1-1/4"-7	14"

‡ **NOTE**—Check thread size with spindle thread on Drill or refer to specifications for DYMODRILLS. It may be necessary to use a threaded Adapter to fit Drill spindle.

HEAVY-DUTY SPACER ASSEMBLIES THREADED ADAPTERS AND BIT EXTENSIONS FOR DYMOBITS



SPACER ASSEMBLY

NO. 49-67-0110

For use with Nos. 4125, 4130 and 4135. Mounts between cradle and DYMODRILL motor to increase bit capacity from 10" to 14". Net weight 3 lbs. Shipping weight 5 lbs.

SPACER ASSEMBLY

NO. 49-67-0050

For use with No. 4104 and previous model Nos. 4114 and 4119. Spacer 1" thick, mounts between cradle and DYMODRILL motor. Allows use of bits thru 10" diameter.

3/16" ALLEN WRENCH

NO. 49-96-0085

For mounting DYMODRILLS to cradle.

1-3/8" OPEN END WRENCH

NO. 49-96-4700

For DYMODRILLS listed in charts on page 29.

THREADED ADAPTERS

NO. 48-04-0150* THREADED ADAPTER reduces thread size of 1-1/4"-7 to 7/8"-14 or 1/2"-20 for old style DYMOBITS.

NO. 48-04-0160* THREAD ADAPTER reduces thread size of 1-1/4"-7 to 5/8"-11 for DYMOBITS and extensions.

NO. 48-04-0170* THREADED ADAPTER reduces 7/8"-14 discontinued drill spindles to 5/8"-11 for 1-3/4" and smaller DYMOBITS.

*Used on DYMODRILLS listed in table on page 29.

BIT EXTENSIONS*

NO. 48-95-1500 9" BIT EXTENSION for DYMOBITS of 2" diameter and larger. Both ends are threaded 1-1/4"-7. Two or more extensions can be coupled together for deeper hole drilling. 1-1/2" and smaller Solid Back DYMOBITS require adapter No. 48-04-0160 for mounting to DYMOBIT.

NO. 48-95-2000 10-1/2" BIT EXTENSION use with Threaded Adapter No. 48-04-0150 for Open Back DYMOBITS in sizes up to 1-1/2" with 1/2"-20 threaded adapters, and Solid Back DYMOBITS in sizes 1-1/4" thru 1-3/4" with 7/8"-14 thread. Extension threads on 7/8"-14 spindle. Outer end is a two-stage spindle with 7/8"-14 and 1/2"-20 threads. Sizes 1" and smaller should not be used with this extension.

NO. 48-95-2100 10-1/2" BIT EXTENSION for 1-1/4" to 1-1/2" Open Back Dymobits with 5/8"-11 thread and 1-1/2" Solid Back Dymobits 5/8"-11 thread. Requires NO. 48-04-0160 Thread Adapter for mounting to drill motor.

* All bit extensions can be used on drills on page 29 with proper threaded adapter.

HEAVY-DUTY ELECTROMAGNETIC DRILL PRESS

SMALL BASE

ELECTROMAGNETIC DRILL STAND

4202 STAND ONLY SPEED CONTROL

120 Volts AC Only 12.5 Amps Maximum Rating with Large Drill

DRILL STAND NO. 4202 SHOWN WITH NO. 4297-1 DRILL MOTOR

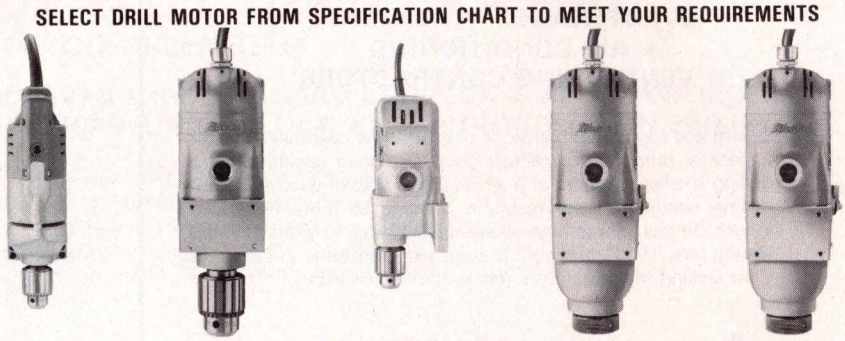
DRILL MOTOR NOT INCLUDED WITH STAND *PURCHASE SEPARATELY*

SAFETY INTERLOCKED

Model 4202 Electromagnetic Drill Press is equipped with a new EXCLUSIVE Safety Interlock System which prevents the motor from being turned on when the base is not magnetically energized. The base can not be turned off when the motor is running.

- INCREASED HOLDING POWER FOR MATERIALS AS THIN AS 1/2" PLATE
- 5 COMBINATIONS AVAILABLE
- UP TO 1670 LB. DRILL POINT PRESSURE ON 1" STEEL PLATE §
- 9" DRILL TRAVEL

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS



4253-1 **4262-1** **4265-1♦** **4292-1** **4297-1**

CLOSE CORNER DRILL

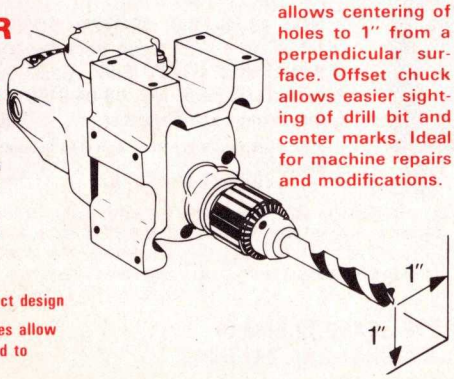
DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY▲* DRILL	CAPACITY▲* TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT.	W.	L.	§ DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1●	120	6.2	1/2"	5/8"-18‡	600	Chuck	48-66-1360	48-66-3280	15"	4-1/4"	11"	1650	41	49
4262-1	120	11.5	3/4"	1"-14	400	Chuck	48-66-2080	48-66-3160	15"	4-1/4"	11"	1670	41	60
4265-1	120	6	1/2"	5/8"-18‡	450	Chuck	48-66-1380	48-66-3280	15"	4-1/4"	11"	1450	41	52
4292-1■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	15"	4-1/4"	11"	1600	41	63
4297-1■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050	#3 TAPER SOCKET	15"	4-1/4"	11"	1600	41	63

■ Two speed drills. § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.
● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.
‡ 5/8"-11 or 1/2"-13 taps not recommended.
▲ **NOTE...** To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket order accessory Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 22. Refer to the instruction manual for sizes.
* See page 36 for Steel Hawg capacities.

♦ CLOSE CORNER DRILL MOTOR

CATALOG NUMBER

4265-1



Close Corner Drill allows centering of holes to 1" from a perpendicular surface. Offset chuck allows easier sighting of drill bit and center marks. Ideal for machine repairs and modifications.

- Lightweight compact design
- 2 mounting surfaces allow positioning for hard to reach places

CORD CONVERSION KITS FOR DRIL

Cord Conversion Kits are available that will permit the use of new style motors with old style bases and old style motors with new bases.

We recommend installation of Cord Conversion Kits be done at MILWAUKEE SERVICE CENTERS or AUTHORIZED SERVICE STATIONS.

▲ Adaptor plate 42-04-0580 is required to mount 4250-1 or 4252-1 drill motor to the latest magnetic drill stands with new three position slide mount.

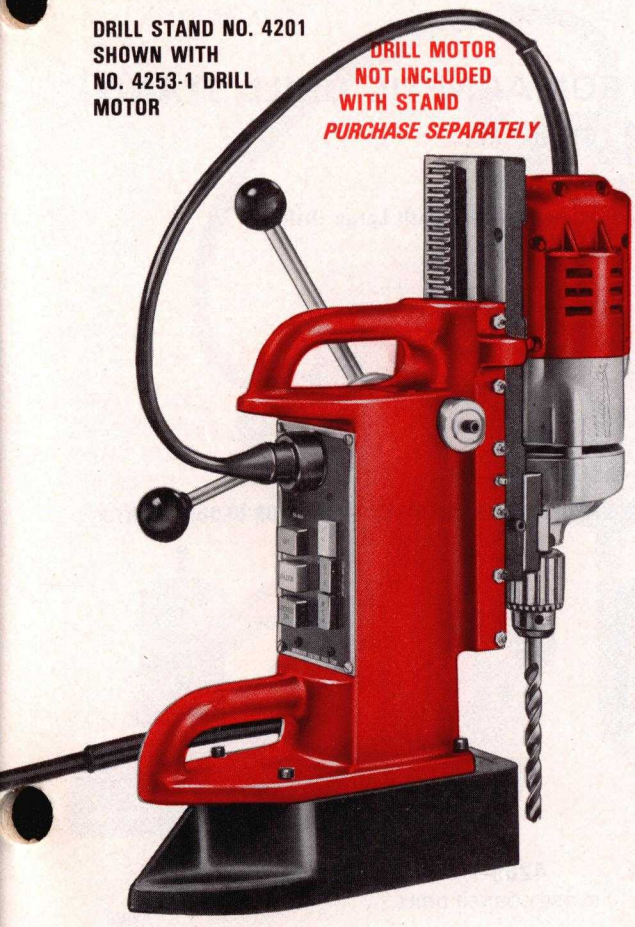
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ELECTROMAGNETIC DRILL PRESS

SMALL BASE

DRILL STAND NO. 4201 SHOWN WITH NO. 4253-1 DRILL MOTOR

DRILL MOTOR NOT INCLUDED WITH STAND *PURCHASE SEPARATELY*



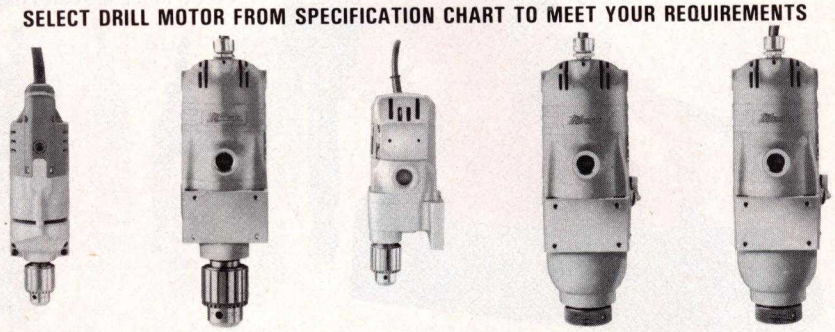
ELECTROMAGNETIC DRILL STAND

4201 STAND ONLY

120 Volts AC Only 12.5 Amps Maximum Rating with Large Drill

- 5 COMBINATIONS AVAILABLE
- 1470 LB. DRILL POINT PRESSURE MAXIMUM ON 1" STEEL PLATE §
- 9" DRILL TRAVEL

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS



4253-1 **4262-1** **4265-1♦** CLOSE CORNER DRILL **4292-1** **4297-1**

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY▲* DRILL	CAPACITY▲* TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT.	W.	L.	§ DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1●	120	6.2	1/2"	5/8"-18‡	600	Chuck	48-66-1360	48-66-3280	15"	4-1/4"	11"	1450	41	49
4262-1	120	11.5	3/4"	1"-14	400	Chuck	48-66-2080	48-66-3160	15"	4-1/4"	11"	1470	41	60
4265-1	120	6	1/2"	5/8"-18‡	450	Chuck	48-66-1380	48-66-3280	15"	4-1/4"	11"	1275	41	52
4292-1■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	15"	4-1/4"	11"	1410	41	63
4297-1■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050	#3 TAPER SOCKET	15"	4-1/4"	11"	1410	41	63

■ Two speed drills. § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.
● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.
‡ 5/8"-11 or 1/2"-13 taps not recommended.
▲ **NOTE...** To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket order accessory Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 22. Refer to the instruction manual for sizes.
* See page 36 for Steel Hawg capacities.

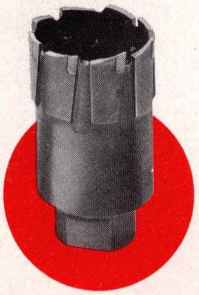
MOTORS AND MAGNETIC DRILL BASES

To Convert Drill Motors	To Fit Stands	Use Conversion Kit
4250-1 ▲	4201, 4202	14-46-4250
4260-1	4201, 4202, 4221, 4231	14-46-4260
4280-1		14-46-4260
4290-1		14-46-4260
4295-1		14-46-4260
4252-1 ▲	4200	14-46-4252
4253-1		
4262-1	4210, 4220, 4230	14-46-4262
4282-1		14-46-4262
4292-1		14-46-4262
4297-1		14-46-4262

TYPE "A" GREASE FOR SINGLE SPEED
NO. 49-08-0500 1/2 LB. CAN
NO. 49-08-0800 1 LB. CAN

TYPE "C" GREASE FOR TWO SPEED
NO. 49-08-1000 1 LB. CAN

6' LENGTH SAFETY CHAIN
NO. 48-58-0080
Same as furnished with unit.



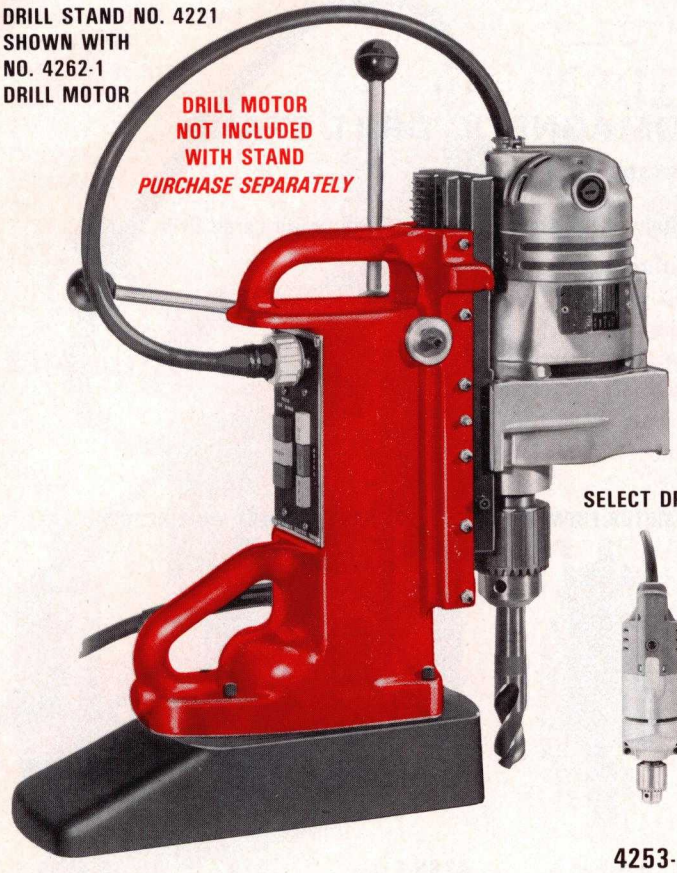
STEEL HAWG METAL CUTTING BITS
See pages 36, 37

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ELECTROMAGNETIC DRILL PRESS

LARGE BASE

DRILL STAND NO. 4221 SHOWN WITH NO. 4262-1 DRILL MOTOR



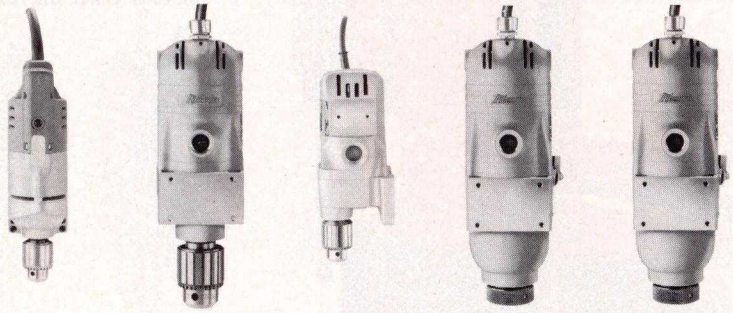
ELECTROMAGNETIC DRILL STAND

4221 STAND ONLY

120 Volts AC Only
12.5 Amps Maximum Rating with Large Drill

- 5 COMBINATIONS AVAILABLE
- 2000 LB. DRILL POINT PRESSURE MAXIMUM ON 1" STEEL PLATE §
- 11" DRILL TRAVEL

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS



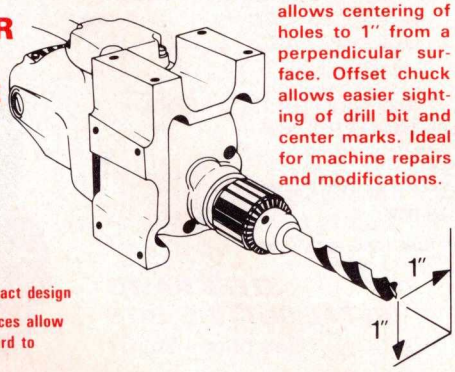
4253-1 | 4262-1 | 4265-1♦ CLOSE CORNER DRILL | 4292-1 | 4297-1

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY▲* DRILL	CAPACITY▲* TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT.	W.	L.	§ DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1●	120	6.2	1/2"	5/8"-18 ‡	600	Chuck	48-66-1360	48-66-3280	17-1/4"	5-1/4"	14"	1975	58	65
4262-1	120	11.5	3/4"	1"-14	400	Chuck	48-66-2080	48-66-3160	17-1/4"	5-1/4"	14"	2000	58	77
4265-1	120	6	1/2"	5/8"-18 ‡	450	Chuck	48-66-1380	48-66-3280	17-1/4"	5-1/4"	14"	1750	58	69
4292-1■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4"	5-1/4"	14"	1915	58	80
4297-1■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4"	5-1/4"	14"	1915	58	80

■ Two speed drills. § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.
● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.
‡ 5/8"-11 or 1/2"-13 taps not recommended.
▲ **NOTE...** To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket order accessory Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 22. Refer to the instruction manual for sizes.
* See page 36 for Steel Hawg capacities.

♦ CLOSE CORNER DRILL MOTOR

CATALOG NUMBER
4265-1



Close Corner Drill allows centering of holes to 1" from a perpendicular surface. Offset chuck allows easier sighting of drill bit and center marks. Ideal for machine repairs and modifications.

- Lightweight compact design
- 2 mounting surfaces allow positioning for hard to reach places.

CORD CONVERSION KITS FOR DRILL

Cord Conversion Kits are available that will permit the use of new style motors with old style bases and old style motors with new bases.

We recommend installation of Cord Conversion Kits be done at MILWAUKEE SERVICE CENTERS OR AUTHORIZED SERVICE STATIONS.

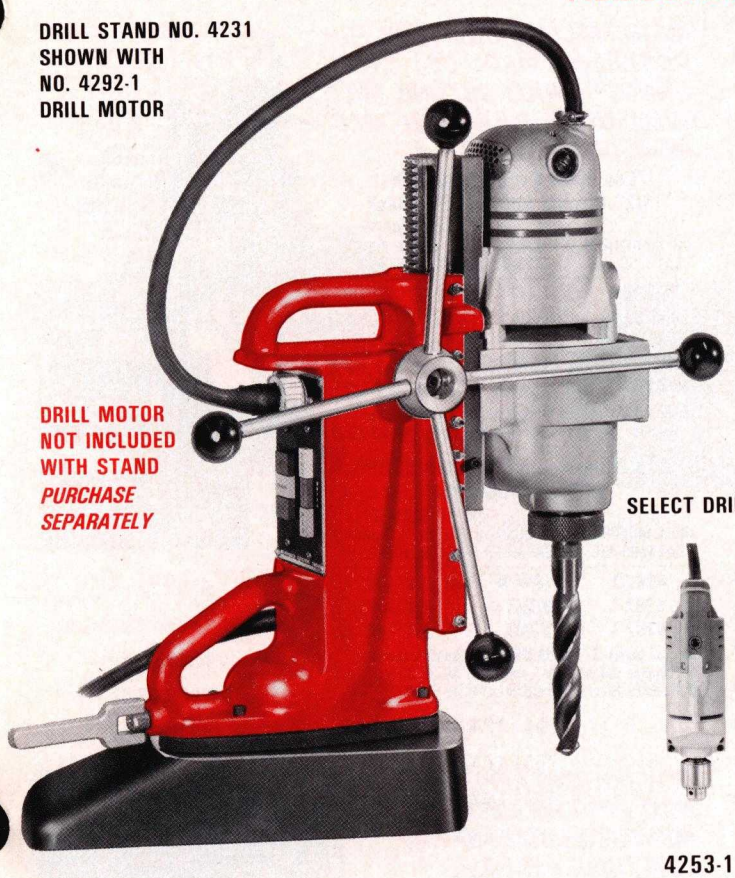
▲ Adaptor plate 42-04-0580 is required to mount 4250-1 or 4252-1 drill motor to the latest magnetic drill stands with new three position slide mount.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ELECTROMAGNETIC DRILL PRESS

ADJUSTABLE BASE

DRILL STAND NO. 4231 SHOWN WITH NO. 4292-1 DRILL MOTOR



DRILL MOTOR NOT INCLUDED WITH STAND *PURCHASE SEPARATELY*

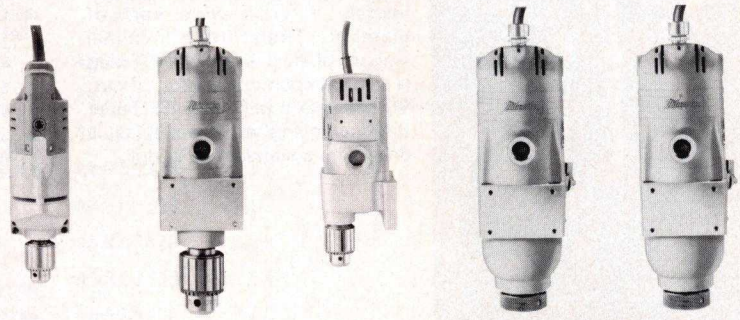
ELECTROMAGNETIC DRILL STAND

4231 STAND ONLY

120 Volts AC Only
Available in 240 Volt AC Only – Add -2 to Catalog Number
12.5 Amps Maximum Rating with Large Drill

- 5 COMBINATIONS AVAILABLE
- 2000 LB. DRILL POINT PRESSURE MAXIMUM ON 1" STEEL PLATES §
- 11" DRILL TRAVEL
- ADJUSTABLE 3/4" IN DIRECTION OF BASE LENGTH AND 20° RIGHT OR LEFT

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS



4253-1 | 4262-1 | 4265-1♦ | 4292-1 | 4297-1

CLOSE CORNER DRILL

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY▲* DRILL	CAPACITY▲* TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT.	W.	L.	§ DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1●	120	6.2	1/2"	5/8"-18‡	600	Chuck	48-66-1360	48-66-3280	17-1/4"	5-1/4"	14"	1975	60	67
4262-1★	120	11.5	3/4"	1"-14	400	Chuck	48-66-2080	48-66-3160	17-1/4"	5-1/4"	14"	2000	60	79
4265-1	120	6	1/2"	5/8"-18‡	450	Chuck	48-66-1380	48-66-3280	17-1/4"	5-1/4"	14"	1750	60	71
4292-1■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4"	5-1/4"	14"	1915	60	82
4297-1★■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4"	5-1/4"	14"	1915	60	82

★ Available in 240 Volts. Add -3 after Catalog Number when ordering. See price sheet.
■ Two speed drills. § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.
● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.
‡ 5/8"-11 or 1/2"-13 taps not recommended.
▲ **NOTE...** To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket order accessory Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 22. Refer to the instruction manual for sizes.
* See page 36 for Steel Hawg capacities.

MOTORS AND MAGNETIC DRILL BASES

To Convert Drill Motors	To Fit Stands	Use Conversion Kit
4250-1 ▲	4201, 4202	14-46-4250
4260-1	4201, 4202, 4221, 4231	14-46-4260
4280-1		14-46-4260
4290-1		14-46-4260
4295-1		14-46-4260
4252-1 ▲	4200	14-46-4252
4253-1		
4262-1	4210, 4220, 4230	14-46-4262
4282-1		14-46-4262
4292-1		14-46-4262
4297-1		14-46-4262

TYPE "A" GREASE FOR SINGLE SPEED
NO. 49-08-0500 1/2 LB. CAN
NO. 49-08-0800 1 LB. CAN

TYPE "C" GREASE FOR TWO SPEED
NO. 49-08-1000 1 LB. CAN

6' LENGTH SAFETY CHAIN
NO. 48-58-0080
Same as furnished with unit.

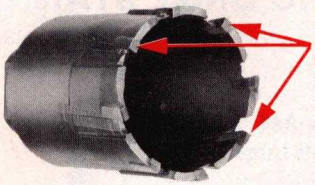
STEEL HAWG METAL CUTTING BITS
See pages 36, 37

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY STEEL HAWG™

NEW *FASTER, MORE EFFICIENT LARGE HOLE CUTTER FOR STEEL PLATE, STAINLESS STEEL, CAST IRON OR ALUMINUM*

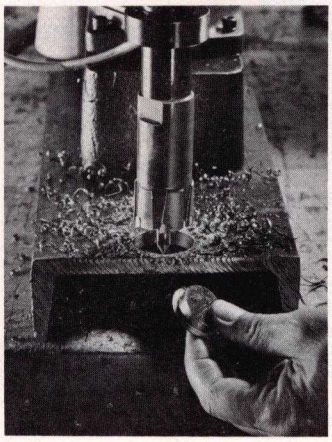
3 TIMES FASTER THAN TWIST DRILLS IN STEEL, STAINLESS, NON-FERROUS BECAUSE OF:



CARBIDE TIPPED MULTIPLE CUTTING EDGES

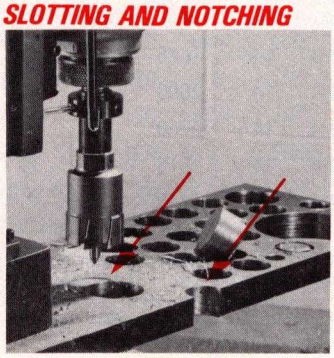
MILWAUKEE STEEL HAWGS™ are highly efficient carbide-tipped cutting tools. Alternating inside and outside cutting edges are carefully ground to cut holes rapidly with great precision. STEEL HAWGS™, with their harder carbide tips, also last longer than regular twist drills. The STEEL HAWG'S™ multiple cutting edges uniformly distribute the cutting load over a wider area than a two flute twist drill tip.

MINIMAL STOCK REMOVAL



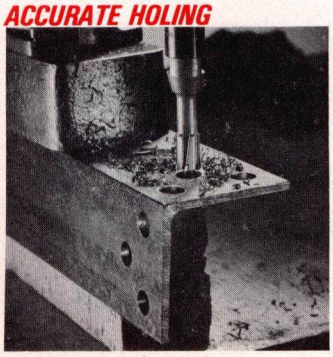
MILWAUKEE STEEL HAWGS™ are designed to remove approximately a 1/8" wide kerf of material. Therefore a minimal amount of steel is removed. A plug is ejected upon completion of cut. This minimal cutting action is faster than removing all material as is done with a standard twist drill.

SLOTTING AND NOTCHING



The STEEL HAWG™ will slot or notch material away from the edge of a workpiece or from the edge of an existing hole. Lubrication must be applied with the arbor lubricating mechanism or directly to the notch or slot.

ACCURATE HOLING



Premarked holes are easily located by positioning the center pin of the arbor on the center mark. No prepunching or pilot holes are required. Holes are cut cleanly and accurately.

MOTOR RECOMMENDATIONS FOR PORTABLE USE OF STEEL HAWGS™ WHEN CUTTING MILD STEEL USING MILWAUKEE MAGNETIC DRILL STANDS

One Piece STEEL HAWGS™
1/2" Cutting Depth, 1/2" Shank

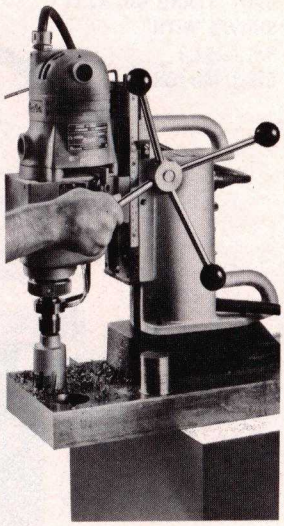
DRILL MOTOR▲ CATALOG NO.	CHUCK CAPACITY	CAPACITY W/ONE PIECE STEEL HAWGS™
4253-1	1/2"	11/16"–1-1/2"
4262-1	3/4"	11/16"–1-1/2"
4265-1	1/2"	11/16"–1-1/2"
4292-1	#3MT★	11/16"–1-1/2"
4297-1	#3MT★	11/16"–1-1/2"

▲ See pages 32-35 for drill motor specifications.
★ Requires use of chuck and arbor kit No. 49-22-1550.

2" Cutting Depth STEEL HAWGS™ with Separate Arbor

DRILL MOTOR▲ CATALOG NO.	CHUCK CAPACITY	CAPACITY W/2" Depth STEEL HAWGS™
4262-1	3/4"●	3/4"–4"
4292-1	#3MT★	3/4"–4"
4297-1	#3MT★	3/4"–5"

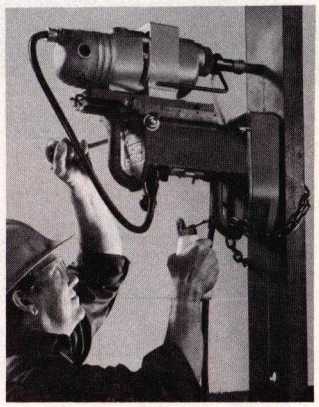
▲ See pages 32-35 for drill motor specifications.
★ Requires use of #3MT arbor No. 49-57-0010.
● Requires use of 3/4"shank arbor No. 49-57-0030.



SELECT STAND AND MOTOR COMBINATIONS FROM PGS. 32, 33, 34, 35

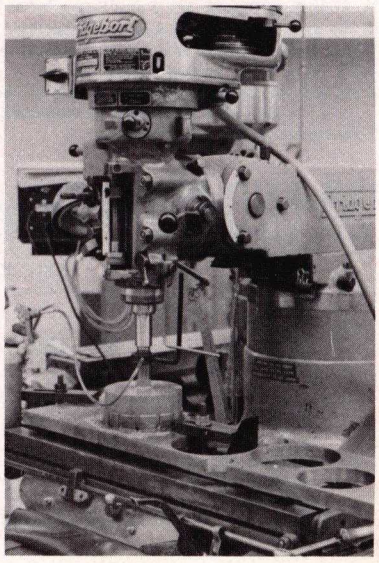
NEW HOLDING APPLICATIONS NOW POSSIBLE BECAUSE OF MILWAUKEE STEEL HAWG™ LOW THRUST FEATURE

Cutting holes in structural steel is made easier with the combination of a MILWAUKEE STEEL HAWG™ and MILWAUKEE Electromagnetic Drill Press. The low thrust required by the STEEL HAWG™ allows large holes to be cut with a minimum amount of pressure.



NUMEROUS APPLICATIONS USING STATIONARY DRILL PRESS MACHINERY

The speed, wide range of materials capable of being cut and the savings of reusable plugs make the STEEL HAWG™ suitable for many machine shop uses. The arbor center pin allows accurate alignment for premarked holes. Use only well maintained equipment with minimal spindle run out and manual feed operation.



HEAVY-DUTY STEEL HAWG™

MAXIMUM 2" DEPTH, UP TO 6" DIAMETER

SPECIFICATIONS

ONE PIECE STEEL HAWGS™ 1/2" Cutting Depth

SIZES 11/16" thru 1-1/2"

Recommended for use with MILWAUKEE Electromagnetic Drill Presses

3 MILLED FLATS 1/2" SHANK

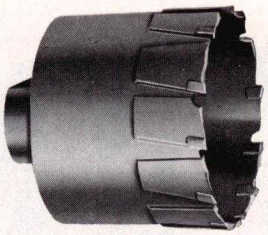
CATALOG NUMBER	CUTTER SIZE
49-57-8068	11/16"
49-57-8071	23/32"
49-57-8075	3/4"
49-57-8078	25/32"
49-57-8081	13/16"
49-57-8084	27/32"
49-57-8087	7/8"
49-57-8090	29/32"
49-57-8093	15/16"
49-57-8096	31/32"
49-57-8100	1"
49-57-8103	1-1/32"
49-57-8106	1-1/16"
49-57-8109	1-3/32"
49-57-8112	1-1/8"
49-57-8115	1-5/32"
49-57-8118	1-3/16"
49-57-8121	1-7/32"
49-57-8125	1-1/4"
49-57-8128	1-9/32"
49-57-8131	1-5/16"
49-57-8134	1-11/32"
49-57-8137	1-3/8"
49-57-8143	1-7/16"
49-57-8150	1-1/2"

STEEL HAWGS™ WITH SEPARATE ARBOR 2" Cutting Depth

SIZES 3/4" thru 6"

Recommended for use with MILWAUKEE Electromagnetic Drill Presses*

*See capacity recommendations as listed on page 36



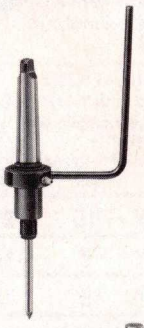
CATALOG NUMBER	CUTTER SIZE	CATALOG NUMBER	CUTTER SIZE
49-57-0750	3/4"	49-57-3000	3"
49-57-0812	13/16"	49-57-3120	3-1/8"
49-57-0875	7/8"	49-57-3250	3-1/4"
49-57-0937	15/16"	49-57-3370	3-3/8"
49-57-1000	1"	49-57-3500	3-1/2"
49-57-1062	1-1/16"	49-57-3620	3-5/8"
49-57-1125	1-1/8"	49-57-3750	3-3/4"
49-57-1187	1-3/16"	49-57-3870	3-7/8"
49-57-1250	1-1/4"	49-57-4000	4"
49-57-1312	1-5/16"	49-57-4120	4-1/8"
49-57-1375	1-3/8"	49-57-4250	4-1/4"
49-57-1437	1-7/16"	49-57-4370	4-3/8"
49-57-1500	1-1/2"	49-57-4500	4-1/2"
49-57-1562	1-9/16"	49-57-4620	4-5/8"
49-57-1625	1-5/8"	49-57-4750	4-3/4"
49-57-1687	1-11/16"	49-57-5000	5"
49-57-1750	1-3/4"	49-57-5500	5-1/2"
49-57-1812	1-13/16"	49-57-6000	6"
49-57-1875	1-7/8"		
49-57-1937	1-15/16"		
49-57-2000	2"		
49-57-2060	2-1/16"		
49-57-2120	2-1/8"		
49-57-2250	2-1/4"		
49-57-2310	2-5/16"		
49-57-2370	2-3/8"		
49-57-2500	2-1/2"		
49-57-2560	2-9/16"		
49-57-2620	2-5/8"		
49-57-2750	2-3/4"		
49-57-2870	2-7/8"		

ARBOR ASSEMBLIES FOR STEEL HAWG™ BITS

Assemblies consist of Arbor, Oil Hose and Oiler.

3 TYPES AVAILABLE (See below)

NO. 2 MORSE TAPER ARBOR ASSEMBLY
NO. 49-57-0020



NO. 3 MORSE TAPER ARBOR ASSEMBLY
NO. 49-57-0010

3/4" SHANK ARBOR ASSEMBLY
NO. 49-57-0030

ARBOR WRENCH SET
NO. 49-96-0010
Necessary to disassemble arbor body.

HAWG WASH™
NO. 49-32-0080
(SOLD ONLY IN CASE LOTS)
NINE 16 OZ. BOTTLES PER CASE

Hawg Wash™ is a water soluble chemical fluid concentrate containing stable sulphur and chlorine additives. This product is designed for extreme pressure applications (tough alloys and severe operations) but is also excellent for general machining assignments. Hawg Wash™ is very efficient due to its combination of strong cooling and high lubricating characteristics. One 16 oz. bottle makes one gallon of solution. Proper mixing of concentrate requires mixing the concentrate into the water.

HEAVY-DUTY VACUUM CLEANERS

OUTSTANDING FEATURES

- **POSITIVE WATER SHUT-OFF — On wet/dry machines protects motor from direct exposure to water.**
- **HEAVY-DUTY FILTER SYSTEM — For the roughest coarse materials to the finest dust.**
- **USE AS BLOWER — Switch hose from intake to exhaust, for cleaning inaccessible areas.**

VACUUM MOTOR DESIGN

Centrifugal blower produces high efficient vacuum and air flow. Models 8911, 8912, 8916, 8925, 8935, 8940 and 8945 have a two-stage bypass motor for wet/dry operation. The 8950 and 8955 have a one-stage bypass motor for wet/dry operation. They provide discharge of vacuum air from the fan case with a separate system for motor cooling. Clean air is drawn into top of motor and discharged through motor housing vents protecting motor from direct exposure to moisture.

NO. 8925
Stainless 16" Dia.

NO. 8912
Steel 16" Dia.

***NEW* NO. 8917**
Stainless 16" Dia.

NO. 8911
Steel 16" Dia.

GENERAL SPECIFICATIONS

All models are equipped with 1-1/2" O.D. hose connections, cord with 3-prong grounded plug, 3 vinyl covered hold-down clamps and 4-wheel caddie with non-marring wheels.

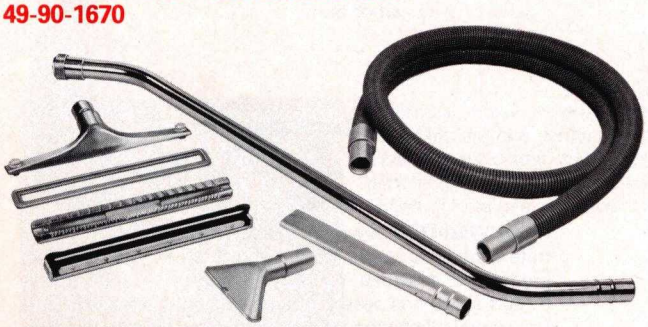
CAT. NO.	FOR MATERIALS	RECOV. CAP. GAL.	RECOV. CAP. BU.	TANK	VOLTS	AMPS	MOTOR TYPE	MAX. AIR FLOW CU. FT./MIN.	SEALED SUCTION IN WATER	OVERALL DIMENSIONS WIDTH	OVERALL DIMENSIONS HEIGHT	NET WGT. (LBS.)	SHP. WGT. (LBS.)
8925	WET or DRY	15	2	STAINLESS	120	10	2-Stage Bypass Motor	110	105"	19"	36"	53	73
8912	WET or DRY	9	1-1/2	STEEL	120	10	2-Stage Bypass Motor	110	105"	19"	32"	49	68
NEW 8917	WET or DRY	9	1-1/2	STAINLESS	120	10	2-Stage Bypass Motor	110	105"	19"	32"	52	70
8911	WET or DRY	9	1-1/2	STEEL	120	7	2-Stage Bypass Motor	92	85"	19"	32"	48	67

STANDARD EQUIPMENT

FOR MODEL 8925
FOR MODEL 8912
FOR MODEL 8917
FOR MODEL 8911
} Three paper filter bags, cloth filter, gasket and wire frame assembly, wet pick-up conversion pan, swivel connector and canvas store-all tool bag.

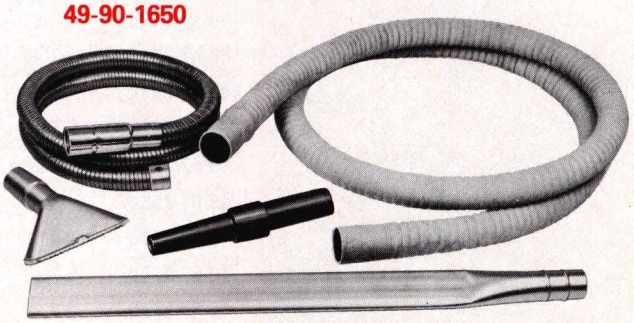
VACUUM CLEANER ACCESSORIES

WET AND DRY CLEANING KIT
49-90-1670



WET AND DRY CLEANING KIT NO. 49-90-1670 A complete kit of accessories for the maintenance department. Kit consists of 1 each of the following: 49-90-0060, 10 ft. hose; 49-90-0550, major floor tool; 49-90-0580, squeegee shoe; 49-90-0400, 15" crevice tool; 49-90-0600, 14" carpet insert; 49-90-0740, utility nozzle; 49-90-1000, double bend floor rod.

FURNACE CLEANING KIT
49-90-1650



FURNACE CLEANING KIT NO. 49-90-1650 All accessories needed for cleaning furnaces. Kit includes 1 each of the following: 49-90-0020, 10 ft. hose; 49-90-0080, 6 ft. metal hose; 49-90-0410, 27" crevice tool; 49-90-0460, rubber blower nozzle; 49-90-0740, utility nozzle.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANERS

VACUUM MOTOR DESIGN

Model 8931 has a straight-thru motor for dry pick-up. Filters remove dirt from air before reaching the motor. Filtered air is drawn from tank...directed over electrical motor parts for cool efficient operation.

SEE PAGES 40, 41, 42 FOR COMPLETE VACUUM ACCESSORIES, ALSO MOTOR HEADS AND DRUM ADAPTER ASSEMBLY

NO. 8935
Steel 14" Dia.

NO. 8931
Steel 14" Dia.

***NEW* NO. 8937**
Stainless 14" Dia.

NO. 8950
Steel 14" Dia.

NO. 8955
Steel 14" Dia.

WET/DRY VACUUM
121 CFM*

* Maximum Air Flow Cu. Ft./Min. with 1-1/2" Hose.

- **POWERFUL**
- **LIGHTWEIGHT**
- **DUAL FILTERS**
- **EASY TO OPERATE**

VACUUM CLEANER DOLLY NO. 49-90-1150
For use with Model 8950 ONLY.

GENERAL SPECIFICATIONS

All models are equipped with 1-1/2" O.D. hose connectors, cord with 3-prong grounded plug, 3 hold-down clamps and (Except for model 8950) caddie with non-marring wheels.

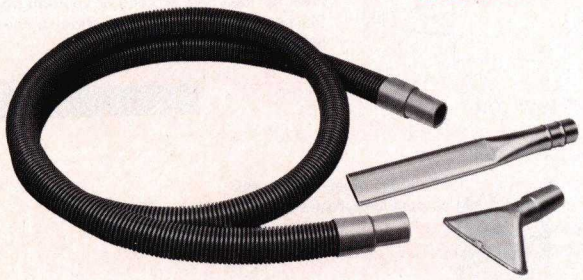
CAT. NO.	FOR MATERIALS	RECOV. CAP GAL.	RECOV. CAP BU.	TANK	VOLTS	AMPS	MOTOR TYPE	MAX. AIR FLOW CU. FT./MIN.	SEALED SUCTION IN WATER	OVERALL DIMENSIONS WIDTH	OVERALL DIMENSIONS HEIGHT	NET WGT. (LBS.)	SHP. WGT. (LBS.)
8935	WET or DRY	4-1/2	3/4	STEEL	120	7	2-Stage Bypass Motor	92	85"	17"	28"	35	45
8931	DRY ONLY	—	1/2	STEEL	120	7	Straight-Thru Motor	95	87"	17"	25"	29	36
***NEW* 8937**	WET or DRY	4-1/2	3/4	STAINLESS	120	7	2-Stage Bypass Motor	92	85"	17"	28"	36	46
8950	WET or DRY	8	7/8	STEEL	120 AC, 60 Hz	6	1-Stage Bypass Motor	121	50"	16-3/4"	22-1/2"	18	25
8955	WET or DRY	10	1-1/8	STEEL	120 AC, 60 Hz	6	1-Stage Bypass Motor	121	50"	19-1/2"	38-1/2"	32	44

STANDARD EQUIPMENT

FOR MODEL 8935 — Three paper filter bags, wet pick-up pan, cloth filter, gasket, wire frame assembly, swivel connector and wire hose carrier.
FOR MODEL 8931 — Three paper filter bags, cloth filter, gasket, wire frame assembly, swivel connector and hose carrier.
FOR MODEL 8937 — Three paper filter bags, wet pick-up conversion pan, cloth filter, gasket, wire frame assembly, swivel connector and wire hose carrier.
FOR MODEL 8950 — 7 ft. 1-1/2" I.D. vinyl hose, hose adaptor, cloth filter assembly and foam filter sleeve.
FOR MODEL 8955 — 7 ft. 1-1/2" I.D. vinyl hose, hose adaptor, cloth filter assembly, foam filter sleeve and 3 wheel dolly.

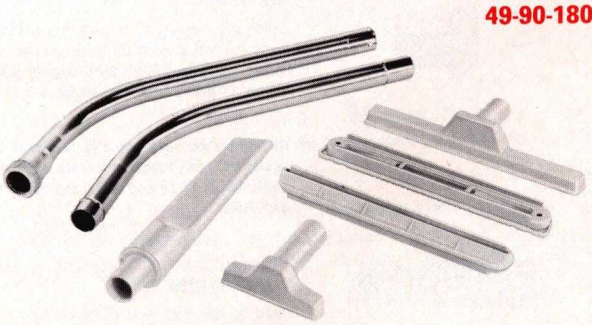
FOR CURRENT MODELS, ALSO FOR PREVIOUS MODELS 8910, 8915, 8916, 8921, 8930

AUTOMOTIVE KIT
49-90-1660



AUTOMOTIVE KIT NO. 49-90-1660 A kit especially designed for garages doing automotive work. Kit consists of 1 each of the following: 49-90-0060, 10 ft. hose; 49-90-0400, 15" crevice tool; 49-90-0740, utility nozzle.

VACUUM ACCESSORY KIT
49-90-1800



VACUUM ACCESSORY KIT NO. 49-90-1800 An array of accessories for general cleanup applications. Kit consists of 1 each of the following: 49-90-1765, wand; 49-90-1770, crevice tool; 49-90-1775, 6" nozzle; 49-90-1785, 14" squeegee shoe; 49-90-1790, 14" rug shoe; 49-90-1780, master nozzle.

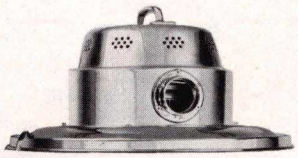
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANER ACCESSORIES

MOTOR HEADS AND DRUM ADAPTER ASSEMBLY

1 MOTOR HEAD ONLY NO. 8940

The same powerful Motor Head as furnished with Model 8911 with 30' of cord. Requires use of 16" dia. Conversion Pan for wet pickup. Wire Frame Filter Cage, Cloth Filter and Gasket assembly and 16" Dacron Filter Bag required for dry pickup. Order these and all other accessories separately. Unit includes a swivel end connector, No. 49-90-0150. Net weight 14 lbs. Shipping weight 15 lbs.



MOTOR HEAD ONLY NO. 8945

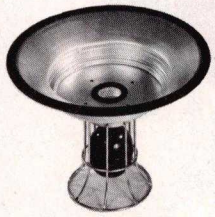
More powerful motor head adapts to all 16" diameter, 9 gallon units and larger for extra-duty applications. Same as furnished with models 8912, 8917 and 8925. Maximum air flow is 100 Cu. Ft./Min. with sealed suction water lift of 105". Unit comes with a 30' cord and requires the use of 16" diameter conversion pan for wet pickup. Wire frame filter cage, cloth filter, and gasket assembly and 16" dacron filter bag required for dry pickup. Order these and all accessories separately. Unit includes a swivel end connector, No. 49-90-0150. Net weight 15 lbs., Shipping weight 17 lbs.

2 DRUM ADAPTER NO. 49-90-1590

Fits your 55 gal. drum. Gasket secures tightly to drum when vacuum is in operation. Adaptable to Motor Head 8940 and 8945 and those on Nos. 8911, 8912, 8917, previous model 8921, and 8925. Use 16" dia. accessories. Net weight 10 lbs., Shipping weight 11 lbs.

3 DOLLY NO. 49-90-1100

For 55 gal. drum. Sturdy steel construction with 4 wheels and long hinged handle. Drum easily tips off or on. Net weight 43 lbs., Shipping weight 45 lbs.



16" DIA. CONVERSION PAN
REQUIRED FOR WET PICK-UP
NO. 49-90-1610

16" DIA. WIRE FRAME FILTER CAGE, CLOTH FILTER AND GASKET ASSEMBLY
REQUIRED FOR DRY PICK-UP
NO. 49-90-0270
WIRE FRAME FILTER CAGE 16 DIA.
NO. 49-90-0260
CLOTH FILTER AND GASKET 16 DIA.

DACRON FILTER
REQUIRED FOR DRY PICK-UP
NO. 49-90-0320
Fits over 16" Dia. Cloth Filter Assembly

VACUUM HOSES — CONNECTORS — ACCESSORIES

CANVAS HOSE 10'
NO. 49-90-0020

Canvas covered, wire reinforced, rubber lined vacuum hose, 1-1/2" ID. Two straight molded cuff ends. Order swivel-end connector separately.*

BLACK CANVAS HOSE 10'
NO. 49-90-0030

Canvas covered, wire reinforced, rubber lined vacuum hose. Strong resilient, 1-1/2" ID with two straight molded cuff ends. Order swivel-end connector separately.*

BLACK NEOPRENE HOSE
NO. 49-90-0040 15'
NO. 49-90-0050 25'

Neoprene lined, oil resistant, wire reinforced, 1-1/2" ID with two straight molded cuff ends. Order swivel-end connector separately.*

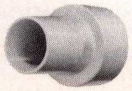
SWIVEL-END CONNECTOR*
NO. 49-90-0150

Quick connect/disconnect feature for attaching hoses to MILWAUKEE vacuum cleaners, except Model 8950 and 8955. Fits into 1-1/2" ID hoses. Same as furnished with each unit.

*** One swivel-end connector is furnished as standard equipment with vacuum cleaners 8911, 8912, 8917, 8925, 8931, 8935 and 8937 and motor heads 8940 and 8945.**

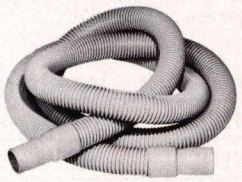
STEEL HOSE CONNECTOR
NO. 49-90-0195

Used to connect 1-1/2" hoses.



HOSE ADAPTER
NO. 49-90-0155

Adapts 1-1/2" ID hose to Model 8950 and 8955. Same as furnished with each unit.

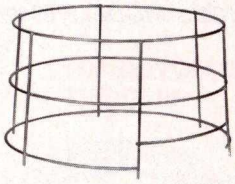


WIRELESS VINYL HOSE
NO. 49-90-0090 7'
NO. 49-90-0060 10'
NO. 49-90-0070 25'

Crushproof multi-flex hose with no wire reinforcement. 1-1/2" ID with two molded cuff ends. Order swivel-end connector or hose adapter separately.*

METAL HOSE 6'
NO. 49-90-0080

For cleaning boiler tubes and furnaces. 1-1/4" OD fits into standard 1-1/2" ID hoses.



HOSE CARRIER
NO. 49-90-0170 FOR 14" TANKS
NO. 49-90-0180 FOR 16" TANKS

Ideal for neat safe storage of vacuum hoses. Makes moving from one location to another easier.

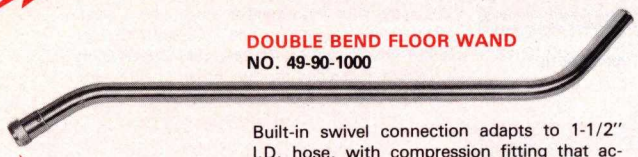
CANVAS STORE-ALL TOOL POUCH
NO. 49-90-0250

For Models 8911, 8912, 8917 and 8921.

Strong durable vinyl covered canvas pouch... makes toting extra tools easy.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANER ACCESSORIES



DOUBLE BEND FLOOR WAND
NO. 49-90-1000

Built-in swivel connection adapts to 1-1/2" I.D. hose, with compression fitting that accommodates all floor tools. Made of chrome-plated steel.

MAJOR FLOOR TOOL **NO. 49-90-0550**

Major Floor Tool with two "quick turn" thumb screws for quick tool changing. Accommodates interchangeable 14" and 20" inserts and replacements. Supplied with 49-90-0610 bumper.

14" REPLACEMENT BUMPER FOR MAJOR FLOOR TOOL **NO. 49-90-0610**

14" BRISTLE SHOD SHOE
NO. 49-90-0560
20" BRISTLE SHOD SHOE
NO. 49-90-1750

For Major Floor Tool. For rough floors, large wall and ceiling areas.

14" REPLACEMENT BRUSH STRIPS (2) **NO. 49-90-0630**
20" REPLACEMENT BRUSH STRIPS (2) **NO. 49-90-1751**

14" SQUEEGEE SHOE **NO. 49-90-0580**
20" SQUEEGEE SHOE **NO. 49-90-1720**

Use with Major Floor Tool. For fast drying of washed floors.

14" REPLACEMENT SQUEEGEE BLADES (4) **NO. 49-90-0640**
20" REPLACEMENT SQUEEGEE BLADES (4) **NO. 49-90-1721**

14" CARPET INSERT **NO. 49-90-0600**
20" CARPET INSERT **NO. 49-90-1710**

For Major Floor Tool. Bottom plate perfectly designed for cleaning rugs, carpeting.

14" FABRIC SHOD ATTACHMENT SHOE
NO. 49-90-0570
20" FABRIC SHOD ATTACHMENT SHOE
NO. 49-90-1730

Use with Major Floor Tool. Suited for cleaning cement and concrete floors.

14" REPLACEMENT FABRIC STRIPS (2) **NO. 49-90-0620**
20" REPLACEMENT FABRIC STRIPS (2) **NO. 49-90-1731**

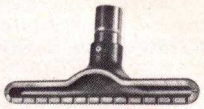
14" FELT SHOD ATTACHMENT SHOE
NO. 49-90-0590
20" FELT SHOD ATTACHMENT SHOE
NO. 49-90-1740

Use with Major Floor Tool. For walls and smooth hard floors such as tile, hardwood.

14" REPLACEMENT FELT BLADES (2) **NO. 49-90-0650**
20" REPLACEMENT FELT BLADES (2) **NO. 49-90-1741**

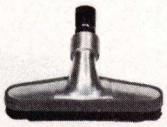
SHAG RUG ATTACHMENT
NO. 49-90-0800

Fits on Double Bend Wand No. 49-90-1000. Effective deep cleaning of shag rug pile.



WIDE MOUTH GULPER
NO. 49-90-0540

Ideal for use on bare floors or rugs. 12" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.



NYLON BRISTLE BRUSH
NO. 49-90-0760

Heavy-duty cast aluminum, wide mouth nozzle. 10" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.

HORSE HAIR BRUSH
NO. 49-90-0750

Heavy-duty cast aluminum, wide mouth nozzle. 10" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.

NYLON BRISTLE BRUSH INSERT REPLACEMENT
NO. 49-90-0710

HORSE HAIR BRUSH INSERT REPLACEMENT
NO. 49-90-0700

PLASTIC BUMPER
NO. 49-90-0720

Replacement for horse hair and nylon bristle brushes.

NOTE: ACCESSORIES LISTED BELOW FIT ONLY TWO PIECE FLOOR WAND OR FIT DIRECTLY ON 1-1/2" I.D. HOSE

TWO PIECE DOUBLE BEND FLOOR WAND
NO. 49-90-1765

Two piece construction for easy storage. Adapts to all MILWAUKEE 1-1/2" I.D. hose. Compression fit connector accommodates Master Nozzle No. 49-90-1780, 6" Utility Nozzle No. 49-90-1775 and Crevice Tool No. 49-90-1770. Made of chrome-plated steel.

14" MASTER NOZZLE **NO. 49-90-1780**

Economical,high impact, durable plastic construction. Master Nozzle with snap lock feature for use with rug shoe and squeegee shoe listed below.

14" RUG SHOE **NO. 49-90-1790**

For use with Master Nozzle No. 49-90-1780. Ideal for cleaning rugs and carpets.

14" SQUEEGEE SHOE **NO. 49-90-1785**

For use with Master Nozzle No. 49-90-1780. For fast drying of wet floors.

6" UTILITY NOZZLE **NO. 49-90-1775**

Economical, high impact, durable plastic construction. Fits 1-1/2" I.D. hose for upholstery cleaning and other small jobs.

CREVICE TOOL
NO. 49-90-1770

Economical, high impact, durable plastic construction. Ideal for cleaning around equipment, behind radiators, hard to reach corners and crevices.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANER ACCESSORIES

NOTE: 20" EXTENSION RECOMMENDED FOR USE WITH UTILITY NOZZLE AND ROUND DUST BRUSH. (UTILITY NOZZLE AND ROUND DUST BRUSH MAY ALSO BE CONNECTED DIRECTLY TO ANY 1-1/2" I.D. HOSE.)

20" EXTENSION NO. 49-90-0510

20" extension with built-in hose end swivel. Used with utility nozzle (49-90-0740) for automotive cleaning. Also desirable when short extension is needed for dust brush attachments (49-90-0730).

ALUMINUM 6" UTILITY NOZZLE
NO. 49-90-0740
Taper fit utility and upholstery nozzle. Fits 1-1/2" I.D. hose. 6" cleaning path.

3" ROUND DUST BRUSH
NO. 49-90-0730
3" round dust brush with nylon bristles. Fits 1-1/2" I.D. hose.

CLAMP-ON NYLON BRISTLE BRUSH WITH BUMPER
NO. 49-90-0480
Attach directly to utility nozzle.

REPLACEMENT BRUSH INSERT
NO. 49-90-0660
Replacement for round dust brush.

REPLACEMENT NYLON BRISTLE BRUSH INSERT
NO. 49-90-0680
For nylon bristle brush with bumper No. 49-90-0480.

REPLACEMENT BUMPER
NO. 49-90-0670
For round dust brush.

REPLACEMENT BUMPER
NO. 49-90-0690
For nylon bristle brush.

27" METAL CREVICE TOOL NO. 49-90-0410
For cleaning behind radiators, other hard to reach corners and crevices. Fits 1-1/2" I.D. hose.

DURABLE PLASTIC 6" UTILITY NOZZLE
NO. 49-90-1775
Economical, high impact, durable plastic construction. Fits 1-1/2" I.D. hose for upholstery cleaning and other small jobs.

RUBBER BLOWER NOZZLE
NO. 49-90-0460
For blowing dust and dirt out of cracks and inaccessible areas. Excellent for machinery. Fits 1-1/2" I.D. hose.

15" METAL CREVICE TOOL NO. 49-90-0400

Fits 1-1/2" I.D. hose.

DURABLE PLASTIC CREVICE TOOL
NO. 49-90-1770

Economical, high impact, durable plastic construction. Ideal for cleaning around equipment, behind radiators, hard to reach corners and crevices. Fits 1-1/2" I.D. hose.

FILTERS, FILTER CAGES CONVERSION PANS FOR VACUUM CLEANER NOS. 8911, 8912, 8917, 8925, 8931, 8935 and 8937 ONLY

WIRE FRAME FILTER CAGE, CLOTH FILTER AND GASKET ASSEMBLY

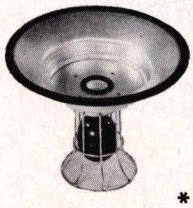
Available for both 14" and 16" dia. tanks. The filter assembly acts as a final filter for air leaving tank. To achieve the best possible results, the cloth filter gasket and wire frame must be maintained. Any wear holes or gasket leaks will allow dust and debris to blow through exhaust ports.

NO. 49-90-0290
Wire Frame Filter Cage 14" Dia.

NO. 49-90-0270
Wire Frame Filter Cage 16" Dia.

NO. 49-90-0280
Cloth Filter and Gasket 14" Dia.

NO. 49-90-0260
Cloth Filter and Gasket 16" Dia.

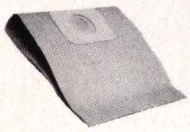


WET PICK-UP CONVERSION PANS*

NO. 49-90-1620
Wet Pick-Up Conversion Pan 14" Dia. (Standard on Model 8935, 8937)

NO. 49-90-1610
Wet Pick-Up Conversion Pan 16" Dia. (Standard on Models 8911, 8912, 8917 and 8925)

*** NOT FOR USE ON MODEL NO. 8931 OR PREVIOUS MODEL NO. 8921.**



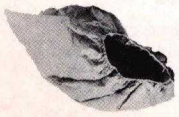
DISPOSABLE PAPER FILTER BAGS

Flame-resistant paper filter bags.

NO. 49-90-0311 (5 pack)
FOR 14" DIA. VACUUM CLEANER

NO. 49-90-0301 (5 pack)
FOR 16" DIA. VACUUM CLEANER

NO. 49-90-0350 (5 pack)
FOR 16" DIA. VACUUM CLEANER NO. 8925 ONLY.



DISPOSABLE PAPER FILTER BAGS NO. 49-90-0331 (5 pack)

Fits all 14" and 16" Vacuum Cleaners, quick and easy to install on vacuum tank. Ideally suited for use when vacuuming extremely fine dust directly into vacuum tank.

DACRON FILTER NO. 49-90-0320

Fits 14" and 16" dia. tanks. The dacron bag is suited for pick-up of medium fine dust as well as coarse sharp material. To be used without paper filter bags. Fits over cloth filter assembly.

FILTERS FOR VACUUM CLEANER NOS. 8950, 8955 ONLY

CLOTH FILTER ASSEMBLY
NO. 49-90-0285
For 8950 and 8955

FOAM FILTER SLEEVE
NO. 49-90-0770
Motor Filter for 8950 and 8955

NOTE: FOLLOWING ASBESTOS PICK-UP KITS AND COMPONENTS ARE FOR USE WITH 8950 VACUUM ONLY

ASBESTOS PICK-UP KIT
NO. 49-90-1680
Meets O.S.H.A. requirements to filter asbestos fibers as small as 5 micrometers in size. Use for automotive brake and clutch work as well as other asbestos contaminated materials. Kit includes 2 Filter Bags, Cartridge Filter and Respirator.

ASBESTOS PICK-UP FILTER KIT
NO. 49-90-1690
2 Replacement Filter Bags and Respirator for Kit No. 49-90-1680.

ASBESTOS PICK-UP CARTRIDGE FILTER
NO. 49-90-1700
Replacement Cartridge for Asbestos Pick-Up Kit No. 49-90-1680.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 3/4" HAMMER

FOR HAMMERING HOLES IN CONCRETE AND MASONRY

- FOR CONDUIT ANCHORS AND EXPANSION SHIELDS
- CHIPPING
- CHANNELING
- SCALING
- CHISELING and TUCK POINTING

- HAMMER BLOW IS FORWARD ONLY WITH A PATENTED CUSHIONED RECOIL MECHANISM TO ELIMINATE JOLTING ACTION
- GLASS REINFORCED NYLON HANDLE
- BALL AND ROLLER BEARINGS
- 3000 BLOW PER MIN.
- LIGHTWEIGHT 11 LBS.

STEEL CARRYING CASE AS FURNISHED WITH NOS. 5382 AND 5385

- LARGE STORAGE AREA FOR EXTRA CHISELS, ACCESSORIES, ETC.
- HEAVY-DUTY 20 GAUGE STEEL CONSTRUCTION

STEEL CARRYING CASE ONLY NO. 48-55-1410

STAR DRILLS

CATALOG NUMBER	DESCRIPTION
48-88-0251	1/4" × 6"
48-88-0252	1/4" × 12"
48-88-0310	5/16" × 6"
48-88-0311	5/16" × 12"
48-88-0370	3/8" × 6"
48-88-0371	3/8" × 12"
48-88-0430	7/16" × 6"
48-88-0500	1/2" × 6"
48-88-0501	1/2" × 12"
48-88-0620	5/8" × 6"
48-88-0621	5/8" × 12"
48-88-0750	3/4" × 6"
48-88-0751	3/4" × 12"
48-88-0870	7/8" × 6"
48-88-0871	7/8" × 12"
48-88-1000	1" × 6"
48-88-1001	1" × 12"
48-88-1120	1-1/8" × 6"

SPECIFICATIONS

CATALOG NUMBER	KIT	MAX. STAR DRILL CAPACITY	VOLTS	AMPS	BLOWS PER MIN.	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
5382	COMPLETE	1-1/8"	120	4.5	3000	18"	11	30
5385	COMPLETE	1-1/8"	120	4.5	3000	18"	11	30

NO. 5382 ELECTRIC HAMMER KIT
Includes 3/4" Electric Hammer with star drill chuck, drift pin, tool retaining spring for chisels, one each bull point, cold chisel, brick cleaning chisel and mortar cutting chisel, eight assorted star drills 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4" and 7/8" sizes, grease gun, grease and steel carrying case.

NO. 5385 ELECTRIC HAMMER KIT
Includes 3/4" Electric Hammer with tool retaining spring for chisels, one each bull point cold chisel, brick cleaning chisel and mortar cutting chisel, grease gun, grease and steel carrying case.

ACCESSORIES

STAR DRILL CHUCK

NO. 48-66-5010
Drift Pin No. 48-86-0090 included with each chuck.

TOOTH ANCHOR CHUCKS

CATALOG NUMBER	FOR BOLT SIZE	O.D. OF ANCHOR
48-66-5100	1/4"	7/16"
48-66-5160	5/16"	15/32"
48-66-5140	3/8"	9/16"
48-66-5080	1/2"	11/16"
48-66-5180	5/8"	27/32"

BULL POINT

NO. 48-62-0060
5/8" × 12"

CHISELS

NO. 48-62-0070
5/8" × 7" Cold Chisel

NO. 48-62-0050
5/8" × 12" Cold Chisel

NO. 48-62-0080
Brick Cleaning Chisel

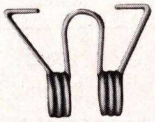
NO. 48-62-0090
Mortar Cutting Chisel

GREASE

FOR GEARS
NO. 49-08-0500 1/2 Lb. Can "A" Grease
NO. 49-08-0800 1 Lb. Can "A" Grease

FOR MECHANISM
NO. 49-08-0600 1/2 Lb. Can "B" Grease
NO. 49-08-0900 1 Lb. Can "B" Grease

GREASE GUN
NO. 49-14-0200



TOOL RETAINING SPRING
NO. 49-68-0020

DRIFT PIN
NO. 48-86-0090

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY MAGNUM® HAMMER-DRILLS

TRIGGER SPEED CONTROL MODELS WITH QUIK-LOK CORD SETS

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD AND METAL

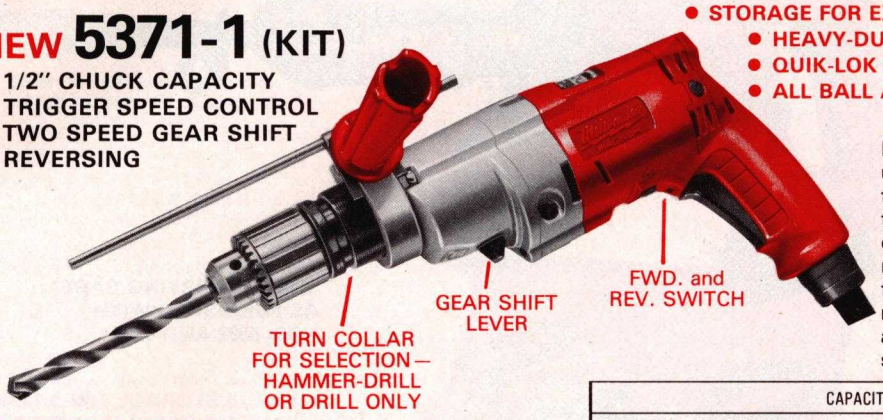
NEW 5370-1

NEW 5371-1 (KIT)

- 1/2" CHUCK CAPACITY
- TRIGGER SPEED CONTROL
- TWO SPEED GEAR SHIFT
- REVERSING

EXCLUSIVE* MAGNUM® *FEATURES

- REMOVABLE BRUSH CARTRIDGE SYSTEM
- SELF-STOPPING BRUSHES
- STORAGE FOR EXTRA CARBONS — BRUSH HOLDER SCREW
- HEAVY-DUTY INDUSTRIAL CHUCK
- QUIK-LOK CORD SETS
- ALL BALL AND ROLLER BEARINGS



- **DRIVE CONCRETE SCREW FASTENERS**

No. 5370-1 Rev. speeds up installation work when used with concrete screw fastening systems. The tool drills the hole and drives the screw. Simply drill the pilot hole, slide the drive unit over the bit and drive the screw into the hole. There is no need to remove the bit or adjust the drill. Concrete screw fasteners can be used to fasten a variety of materials and fixtures to concrete including wood and metal, electrical boxes, light fixture, duct straps and window frames.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MINUTE	CAPACITIES: WOOD: FLAT BORING BIT	WOOD: AUGER BIT	WOOD: SHIP AUGER BIT	WOOD: SELFEED BIT	WOOD: HOLE SAW	STEEL: TWIST DRILL	CONCRETE: CARBIDE TIP BIT	CONCRETE: SCREW FASTENERS	LGTH. (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
***NEW* 5370-1 REV.**	120	4.5	Low	0-1,000	0-20,000	1-1/2"	7/8"	7/8"	1-1/8"	3-1/4"	1/2"	5/8"	1/4"	13	5-3/4	7-1/4
			High	0-3,600	0-72,000	SET GEAR SHIFT TO LOW SPEED SETTING WHEN BORING HOLES IN WOOD.					—	3/8"	—			
***NEW* 5371-1 REV. Kit**	Same as 5370-1 but with steel carrying case and bits															15-1/4

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT

FOR NO. 5370-1 REV. — Includes Hammer-Drill, 8' Quik-Lok cord, depth gauge, adjustable side handle, 1/2" industrial, geared, key-type chuck and chuck key with holder.

FOR NO. 5371-1 REV. — Same as 5370-1 REV. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6380, 3/8"; No. 48-20-6500, 1/2" and steel carrying case No. 48-55-0735.

NEW 5372

NEW 5373 (KIT)

- 3/8" CHUCK CAPACITY
- TRIGGER SPEED CONTROL

NEW 5374

NEW 5375 (KIT)

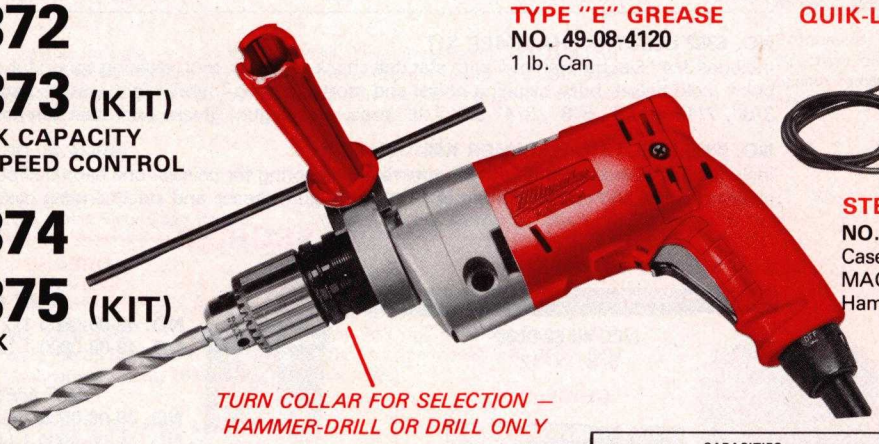
- 1/2" CHUCK CAPACITY
- TRIGGER SPEED CONTROL

TYPE "E" GREASE
NO. 49-08-4120
1 lb. Can

QUIK-LOK CORD SETS

DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	**NO. 48-76-3008**
25' QUIK-LOK	**NO. 48-76-3025**
50' QUIK-LOK	**NO. 48-76-3050**

STEEL CARRYING CASE
NO. 48-55-0735
Case only for all MAGNUM® Hammer-Drills.



SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MINUTE	CAPACITIES: WOOD: FLAT BORING BIT	STEEL: TWIST DRILL	CONCRETE: CARBIDE TIP BIT	LENGTH (INS.)	NET WEIGHT (LBS.)	SHIPPING WEIGHT (LBS.)
***NEW* 5372**	120	4.5	Speed Control	0-3,500	0-70,000	5/8"	1/4"	3/8"	11-1/4	5	6-1/4
***NEW* 5373 Kit**											14-1/4
***NEW* 5374**	120	4.5	Speed Control	0-2,500	0-50,000	3/4"	3/8"	9/16"	11-1/2	5-1/4	6-1/2
***NEW* 5375 Kit**											14-1/2

STANDARD EQUIPMENT

FOR NO. 5372 — Includes Hammer-Drill, 8' Quik-Lok cord, depth gauge, adjustable side handle, 3/8" industrial, geared, key type chuck and chuck key with holder.

FOR NO. 5373 — Same as above. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6251, 1/4"; No. 48-20-6380, 3/8" and steel carrying case No. 48-55-0735.

FOR NO. 5374 — Same as 5372, but with 1/2" industrial, geared, key type chuck.

FOR NO. 5375 — Same as 5374. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6380, 3/8"; No. 48-20-6500, 1/2" and steel carrying case.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY HAMMER-DRILLS

SINGLE SPEED MODELS AND TRIGGER SPEED CONTROL MODELS

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD OR METAL

5390
5395 (KIT)

SINGLE SPEED MODELS

5392
5397 (KIT)

TRIGGER SPEED CONTROL MODELS

- COMPACT
- LIGHTWEIGHT
- IDEAL FOR OVERHEAD DRILLING
- 3/8" CHUCK CAPACITY
- ALL BALL AND ROLLER BEARINGS

Designed for fast percussion drilling in concrete or masonry and high speed drilling without hammering in wood or metal. When hammer-drilling, light pressure against work engages mechanism. Hammer action stops when not under load...prevents damage when idling.

EXCLUSIVE

Lockable slide-shift action of fluted collar for fast, easy change from hammering with rotation to rotation only. Shift forward and turn in either direction to lock for drilling wood or metal. Return to center and retract for percussion drilling in concrete or masonry.

Rubber dust shield over chuck in front of fluted collar protects against harmful abrasive dust.

Depth gauge quickly adjusts to any drilling depth required for anchors.

Side handle for ease in handling...removable for close quarter work.

STEEL CARRYING CASE
As furnished with kits.

When ordering separately use **No. 48-55-0710**

3/8" SPECIAL CHUCK NO. 48-66-0810
Industrial, key type, 3-jaw chuck with 3/8"-24 thread for use with MILWAUKEE Hammer-Drill. Includes Chuck Key No. 48-66-3240.

ACCESSORIES

NO. 49-62-0090	RUBBER DUST SHIELD
NO. 48-66-4040	RUBBER-FLEX KEY HOLDER
NO. 49-08-0500	1/2 LB. CAN "A" GREASE For Gears
NO. 49-08-0800	1 LB. CAN "A" GREASE For Gears
NO. 49-08-0150	3 OZ. LUBRICANT FOR MECHANISM

SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	SPEED	NO LOAD RPM	BLOWS PER MIN.	CAPACITIES: WITH TWIST BITS: IN STEEL	CAPACITIES: WITH TWIST BITS: IN WOOD	CAPACITIES: WITH PERCUSSION BITS: IN CONCRETE OR MASONRY	LGTH. (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
5390★	120 AC	4.5	Single Speed	2,500	50,000	1/4"	1/2"	11/64" to 9/16"	11	4-1/2	7
5395 Kit	120 AC	4.5	Single Speed	2,500	50,000	1/4"	1/2"	11/64" to 9/16"	11	4-1/2	15
5392	120 AC Only	4.5	Speed Control	0-2,500	0-50,000	1/4"	1/2"	11/64" to 9/16"	11	4-1/2	7
5397 Kit	120 AC Only	4.5	Speed Control	0-2,500	0-50,000	1/4"	1/2"	11/64" to 9/16"	11	4-1/2	15

★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet.

STANDARD EQUIPMENT

FOR NOS. 5390 and 5392 — Includes Hammer-Drill, depth gauge, removable side handle, rubber dust shield, special 3/8" industrial, geared, key-type chuck and chuck key with holder.
FOR NOS. 5395 and 5397 — Same as 5390 and 5392. Also includes 3/16" × 3", 1/4" × 4", 3/8" × 4" and 1/2" × 6" percussion carbide-tip bits and steel carrying case.

PERCUSSION CARBIDE-TIP BITS For drilling concrete and masonry

These Carbide-Tip Bits are especially made with round shanks for use with Hammer-Drills. Alloy steel shanks and bodies for durability and long life. Highest quality carbide tips brazed to steel bodies resist dulling, stay sharp longer and can be resharpened often. Wide spiral with shallow oval flutes removes dust fast to assure maximum drilling efficiency.

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
11/64	**48-20-6170**	11/64	3
3/16	**48-20-6180**	3/16	3
7/32	**48-20-6220**	3/16	3
1/4	**48-20-6250**	1/4	4
1/4	**48-20-6251**	1/4	6
9/32	**48-20-6280**	17/64	4
5/16	**48-20-6310**	17/64	4
5/16	**48-20-6311**	17/64	6
3/8	**48-20-6380**	5/16	4
3/8	**48-20-6381**	5/16	6

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
3/8	**48-20-6382**	5/16	13-1/2
7/16	**48-20-6440**	3/8	6
15/32	**48-20-6470**	3/8	6
1/2	**48-20-6500**	3/8	6
1/2	**48-20-6501**	3/8	13-1/2
9/16	**48-20-6560**	3/8	6

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY HAMMER-DRILLS

FOR PERCUSSION CARBIDE BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD OR METAL

2 *WAY ACTION* • HAMMERING WITH ROTATION • ROTATION ONLY

- **HAMMER-DRILL UP TO 7/8" HOLES IN CONCRETE OR MASONRY**
- **DRILL WOOD — STEEL LARGE CAPACITIES, HIGH TORQUE**

NO HOURLY OR DAILY OILING — GREASE PERIODICALLY DEPENDING ON AMOUNT OF USE

- **TURN COLLAR FOR SELECTION — HAMMER-DRILL OR DRILL ONLY**

DOUBLE INSULATED MODELS

NO. 5388
NO. 5389 KIT

GROUNDED MODELS

NO. 5398
NO. 5399 KIT

Kits contain Hammer-Drill plus Depth Rod, Side Handle, Chuck Key and Steel Carrying Case.

STEEL CARRYING CASE ONLY
NO. 48-55-1510

TYPE "A" GREASE
NO. 49-08-0500 1/2 lb. can
NO. 49-08-0800 1 lb. can

- **ADJUSTABLE SIDE HANDLE FOR MAXIMUM CONTROL**
- **DEPTH ROD EASILY ADJUSTED BY LOOSENING SIDE HANDLE**
- **ALL BALL AND ROLLER BEARINGS**

SPECIFICATIONS

1/2" CHUCK CAPACITY

					CAPACITIES										
					DRILL ONLY						HAMMER				
					WOOD					STEEL	MASONRY				
											CARBIDE TIP BIT				
CATALOG NUMBER	VOLTS	AMPS	BLOWS PER MIN.	NO LOAD RPM	FLAT BORING BITS	HOLE SAW	AUGER BITS	SHIP AUGER BITS	SELFEED BITS	TWIST DRILL	SOFT	HARD	LENGTH	NET WEIGHT LBS.	SHIPPING WEIGHT LBS.
5388★●	120	6.2	19,000	950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	7-1/2"	9
5389 KIT●	120	6.2	19,000	950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	17	18
5398	120	6.2	19,000	950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2'	7-1/2"	9
5399 KIT	120	6.2	19,000	950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	17	18

STANDARD EQUIPMENT: Depth Rod, Side Handle and Chuck Key No. 48-66-3280.
★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet.
● Double Insulated.

PERCUSSION CARBIDE-TIP BITS For drilling concrete and masonry

These Carbide-Tip Bits are especially made with round shanks for use with Hammer-Drills. Alloy steel shanks and bodies for durability and long life. Highest quality carbide tips brazed to steel bodies resist dulling, stay sharp longer and can be resharpened often. Wide spiral with shallow oval flutes removes dust fast to assure maximum drilling efficiency.

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.	BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
11/64	**48-20-6170**	11/64	3	3/8	**48-20-6382**	5/16	13-1/2
3/16	**48-20-6180**	3/16	3	7/16	**48-20-6440**	3/8	6
7/32	**48-20-6220**	3/16	3	15/32	**48-20-6470**	3/8	6
1/4	**48-20-6250**	1/4	4	1/2	**48-20-6500**	3/8	6
1/4	**48-20-6251**	1/4	6	1/2	**48-20-6501**	3/8	13-1/2
9/32	**48-20-6280**	17/64	4	9/16	**48-20-6560**	3/8	6
5/16	**48-20-6310**	17/64	4	5/8	**48-20-6620**	1/2	6
5/16	**48-20-6311**	17/64	6	11/16	**48-20-6690**	1/2	6
3/8	**48-20-6380**	5/16	4	3/4	**48-20-6750**	1/2	6
3/8	**48-20-6381**	5/16	6	7/8	**48-20-6880**	1/2	6

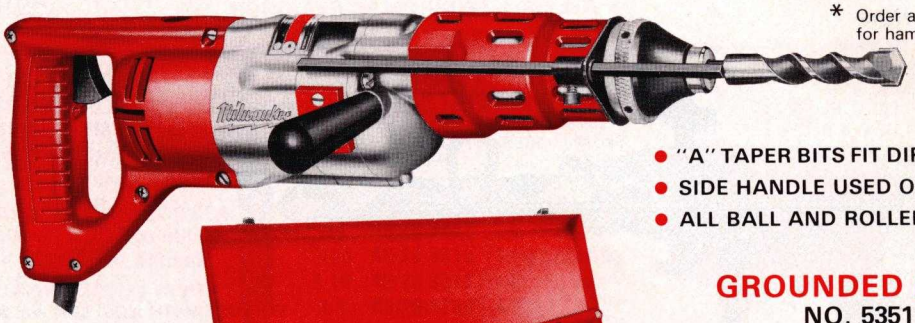
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 3/4" ROTARY HAMMER

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY

3 WAY ACTION • HAMMERING WITH ROTATION • HAMMERING ACTION ONLY* • ROTATION ONLY

NO HOURLY OR DAILY OILING — GREASE PERIODICALLY DEPENDING ON AMOUNT OF USE



* Order accessories separately for hammering action only.

- "A" TAPER BITS FIT DIRECTLY INTO NOSE
- SIDE HANDLE USED ON EITHER SIDE
- ALL BALL AND ROLLER BEARINGS

GROUNDED MODELS

NO. 5351 KIT
NO. 5357 KIT

- STEEL CARRYING CASE FURNISHED WITH BOTH MODELS

STEEL CARRYING CASE ONLY
NO. 48-55-1520

FAST SPIRAL "A" TAPER PERCUSSION CARBIDE-TIP BITS

BIT DIA. (INS.)	CATALOG NUMBER	OVERALL LENGTH (INS.(	MAX. DRILLING DEPTH (INS.)
3/16	48-20-3181	4	2
1/4	48-20-3251	4	2
1/4	48-20-3253	6	4
5/16	48-20-3311	4-1/2	2-1/2
5/16	48-20-3313	6	4
3/8	48-20-3383	4-1/2	2-1/2
3/8	48-20-3384	9	7
3/8	48-20-3385	12	10
7/16	48-20-3441	4-1/2	2-1/2
1/2	48-20-3503	9	7
1/2	48-20-3504	4-1/2	2-1/2
1/2	48-20-3505	12	10
9/16	48-20-3561	5	3
9/16	48-20-3562	9	7
5/8	48-20-3623	5	3
5/8	48-20-3624	9	7
5/8	48-20-3625	12	10
11/16	48-20-3691	5	3
3/4	48-20-3791	5-1/2	3-1/2
3/4	48-20-3796	9	7
7/8	48-20-3861	5	3

"A" TAPER PERCUSSION CARBIDE-TIP BITS

BIT DIA. (INS.)	CATALOG NUMBER	OVERALL LENGTH (INS.)	MAX. DRILLING DEPTH (INS.)
3/16	48-20-3180	4	2
1/4	48-20-3250	4	2
1/4	48-20-3252	6	4
5/16	48-20-3310	4-1/2	2-1/2
5/16	48-20-3312	6	4
3/8	48-20-3380	4-1/2	2-1/2
3/8	48-20-3381	9	7
3/8	48-20-3382	12	10
7/16	48-20-3440	4-1/2	2-1/2
15/32	48-20-3470	4-1/2	2-1/2
1/2	48-20-3499	9	7
1/2	48-20-3500	4-1/2	2-1/2
1/2	48-20-3501	12	10
9/16	48-20-3559	5	3
9/16	48-20-3560	9	7
5/8	48-20-3619	5	3
5/8	48-20-3620	9	7
5/8	48-20-3621	12	10
11/16	48-20-3690	5	3
3/4	38-20-3790	5-1/2	3-1/2
3/4	48-20-3795	9	7
7/8	48-20-3860	5	3

SPECIFICATIONS

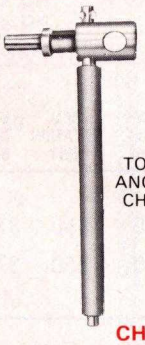
CATALOG NUMBER	MAXIMUM CAPACITY	VOLTS	AMPS	BLOWS PER MIN.	NO LOAD RPM	LENGTH INCHES	NET WGT. LBS.	SHP. WGT. LBS.
5351★	7/8"	120	6.2	2500	1000	18-3/8	10	21
5357	7/8"	120	6.2	2500	1000	18-3/8	10	22

★ Available in 240 Volts. Add -2 after Catalog Number when ordering. See price sheet.

NO. 5351 ROTARY HAMMER KIT
Includes 3/4" Rotary Hammer with "A" taper adapter, drift key, auxiliary side handle, depth gauge, dust shield, 3 oz. tube of lubricant for mechanism and steel carrying case.

NO. 5357 ROTARY HAMMER KIT
Same as above. Also includes six "A" taper bits 1/4" × 4", 3/8" × 4-1/2", 7/16" × 4-1/2", 1/2" × 4-1/2", 9/16" × 5" and 5/8" × 5".

ACCESSORIES



TOOTH ANCHOR

TOOTH ANCHOR CHUCK ADAPTER

TOOTH ANCHOR CHUCK

TOOTH ANCHOR CHUCKS AND ADAPTER

Round shank for hammering action only — manual rotation.

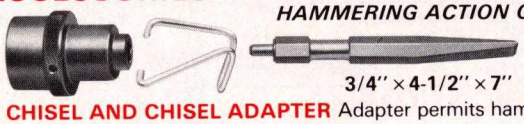
NO. 48-66-6720 For Bolt Size 1/4"-3/16" 3/8" — Anchor O.D. 7/16"
NO. 48-66-6730 For Bolt Size 1/4"-3/16" 3/8" — Anchor O.D. 9/16"

CHUCK ADAPTER For tooth anchor chucks
NO. 48-03-3615

NO. 48-86-0100 DRIFT PIN
NO. 49-68-0075 RETAINING SPRING

TOOTH ANCHOR CHUCK KIT
NO. 49-22-2050 Includes all items listed above.

HAMMERING ACTION ONLY



3/4" × 4-1/2" × 7"

CHISEL AND CHISEL ADAPTER Adapter permits hammering action only for chiseling applications.
NO. 48-03-3620 CHISEL ADAPTER Fastens to nose of tool.
NO. 48-62-0300 CHISEL Use retaining spring NO. 49-68-0075.
NO. 49-68-0075 RETAINING SPRING

1/2" INDUSTRIAL CHUCK AND ADAPTER Not recommended for hammering applications. Use with rotation only.
NO. 48-03-3590 CHUCK ADAPTER "A" taper shank. 1/2"-20 threaded end.
NO. 48-66-1280 1/2" CHUCK — Chuck Key included.

"A" TAPER ADAPTER

DUST SHIELD

MISCELLANEOUS ACCESSORIES

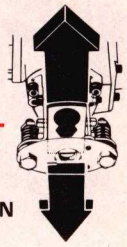
48-03-3610 ●	"A" Taper Bit Adapter
48-86-0050 ●	Drift Key for above
49-96-0080 ●	Socket Wrench for Depth Gauge
49-62-0080 ●	Dust Shield
49-08-0150 ●	3 oz. Lubricant for Mechanism
48-55-1520 ●	Steel Carrying Case
49-68-0075	Retaining Spring
49-08-0500	1/2 Lb. Can "A" Grease for Gears
49-08-0800	1 Lb. Can "A" Grease for Gears

● Same as furnished with tool.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY DUTY 2-1/2" ROTARY HAMMERS

DRILL TO 2-1/2" DIA. WITH PERCUSSION CORE BITS
ALL MODELS WITH EXCLUSIVE TWO WAY ACTION SLIDE SHIFT



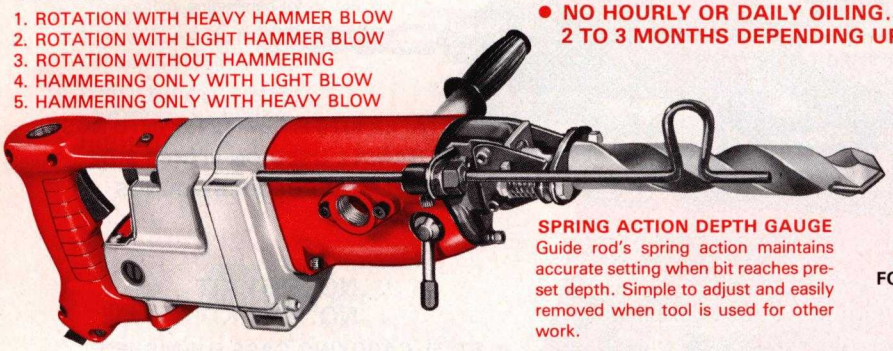
5300, 5305 KIT

FOR 7/16" HEX SHANK HAMMER IRON

EXCLUSIVE 5 WAY ACTION:

1. ROTATION WITH HEAVY HAMMER BLOW
2. ROTATION WITH LIGHT HAMMER BLOW
3. ROTATION WITHOUT HAMMERING
4. HAMMERING ONLY WITH LIGHT BLOW
5. HAMMERING ONLY WITH HEAVY BLOW

- **ALL BALL AND ROLLER BEARINGS**
- **NO HOURLY OR DAILY OILING...GREASE ONLY EVERY 2 TO 3 MONTHS DEPENDING UPON AMOUNT OF USE**
- **ADJUSTABLE SAFETY CLUTCH protects operator, tool and bit. When bit jams, clutch slips — rotary action stops. Torque output adjustment easily made.**
- **3 POSITION PIPE HANDLE...Use on either side of motor housing or on top of switch handle.**



SPRING ACTION DEPTH GAUGE
Guide rod's spring action maintains accurate setting when bit reaches pre-set depth. Simple to adjust and easily removed when tool is used for other work.

CONVERSION KIT NO. 48-62-0205
Additional accessories to convert No. 5300 to No. 5305 as itemized in chart below.

INDUSTRIAL CHUCK AND ADAPTER
FOR USE WITH NOS. 5300 and 5305 ONLY

7/16" HEX. SHANK ONLY

1/2" CHUCK NO. 48-66-1280

CHUCK ADAPTER NO. 48-03-3000

Used with rotation only. Chuck threads on chuck adapter (1/2"-20 thread). Capacity in steel 1/2". Use as regular drill for other applications. Chuck key No. 48-66-3280 included with chuck. Order both chuck and chuck adapter.

5310, 5315 KIT

FOR 7/16" HEX SHANK HAMMER IRON

5325, 5326 KIT

FOR 9/16" HEX SHANK HAMMER IRON

2 WAY ACTION:

1. HAMMERING ONLY WITH HEAVY BLOW
2. ROTATION WITH HEAVY HAMMER BLOW

DEPTH GAUGE ASSEMBLY
NO. 49-11-0090
Easily mounted to nose of tool for accurate pre-set depth drilling. Contains depth rod bracket and depth rod.

CONVERSION KIT NO. 48-62-0205
Additional accessories to convert No. 5310 to No. 5315 as itemized in chart below.

CONVERSION KIT NO. 48-62-0206
Additional accessories to convert No. 5325 to No. 5326 as itemized in chart below.

STEEL CARRYING CASE ONLY
NO. 48-55-0600

STEEL CARRYING CASE IS FURNISHED AS STANDARD EQUIPMENT WITH ALL MODELS

MISCELLANEOUS ACCESSORIES
NO. 48-86-0100 Drift Pin
NO. 49-08-0500 1/2 lb. Can "A" Grease
NO. 49-08-0800 1 lb. Can "A" Grease

SEE FOLLOWING PAGES 49, 50 FOR ROTARY HAMMER ACCESSORIES

SPECIFICATIONS

CATALOG NUMBER	CAPACITIES	HEX INS.	VOLTS	AMPS	RPM LIGHT BLOW	RPM HEAVY BLOW	RPM ROTATION ONLY	BLOWS PER MIN. LIGHT BLOW	BLOWS PER MIN. HEAVY BLOW	LENGTH INS.	NET WGT. LBS.	SHP. WGT. LBS.
5300 ★	For Percussion Carbide Bit Drilling in concrete and masonry 1/4" thru 1-1/2" dia. holes—Core Drilling 1-1/4", 1-1/2", 1-3/4", 2" and 2-1/2" holes—for Tooth Anchor Chucks and Self-Drilling Anchors. Drills Steel to 1/2" diameter. Hammer Tools for chiseling, channeling, medium or light demolition work, chipping, scaling, slotting and tuck-pointing.	7/16	120	10	700	600	850	3750	3250	18	19-3/4	45
5305 KIT		7/16	120	10	700	600	850	3750	3250	18	19-3/4	52
5310	For Percussion Carbide Bit Drilling in concrete and masonry 1/4" thru 1-1/2" dia. holes—Core Drilling 1-1/4", 1-1/2", 1-3/4", 2" and 2-1/2" holes—for Tooth Anchor Chucks and Self-Drilling Anchors. Hammer Tools for chiseling, channeling, medium or light demolition work, chipping, scaling, slotting and tuck-pointing.	7/16	120	10	—	600	—	—	3250	18	19	44
5315 KIT		7/16	120	10	—	600	—	—	3250	18	19	52
5325		9/16	120	10	—	600	—	—	3250	18-1/2	20	45
5326 KIT		9/16	120	10	—	600	—	—	3250	18-1/2	20	53

★ Available in 240 Volts. Add -2 after Catalog Number when ordering. See price sheet.

STANDARD EQUIPMENT

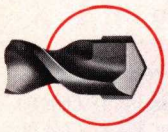
NO. 5300 includes Rotary Hammer in steel carrying case, depth gauge, pipe handle, 1 lb. can of grease.
NO. 5305 same as above. Also includes a scaling chisel, slotting chisel, mortar chisel, 11" bull point, 11" cold chisel, "A" taper chuck, 1/4" × 4", 3/8" × 4-1/2", 7/16" × 4-1/2", 1/2" × 4-1/2", 5/8" × 5" and 3/4" × 9" "A" taper bits and a drift pin.
NOS. 5210, 5325 includes Rotary Hammer in steel carrying case, pipe handle, 1 lb. can of grease.
NOS. 5315, 5326 same as above. Also includes a scaling chisel, slotting chisel, mortar chisel, 11" bull point, 11" cold chisel, "A" taper chuck, 1/4" × 4", 3/8" × 4-1/2", 7/16" × 4-1/2", 1/2" × 4-1/2", 5/8" × 5" and 3/4" × 9" "A" taper bits and a drift pin.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ROTARY HAMMER ACCESSORIES

FOR ROTARY HAMMER MODELS 5300, 5310 and 5325

PERCUSSION CARBIDE TIPPED BITS



HIGHEST QUALITY CARBIDE TIP BRAZED TO STEEL BODY...Specially designed for continuous use with heavy blow and rotary action. MILWAUKEE Percussion Carbide-Tip Bits have heat-treated alloy steel shanks and bodies for durability and long life.

GENERAL PURPOSE "A" AND "B" TAPER SHANK BITS provide an economical means of drilling. They require the use of TAPER CHUCKS as listed in the chart on the lower left.

GENERAL PURPOSE TAPER SHANK BITS

FAST SPIRAL "A" TAPER BITS
USE "A" TAPER CHUCKS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/4	48-20-3251	4	2
1/4	48-20-3253	6	4
5/16	48-20-3311	4-1/2	2-1/2
5/16	48-20-3313	6	4
3/8	48-20-3383	4-1/2	2-1/2
3/8	48-20-3384	9	7
3/8	48-20-3385	12	10
7/16	48-20-3441	4-1/2	2-1/2
1/2	48-20-3503	9	7
1/2	48-20-3504	4-1/2	2-1/2
1/2	48-20-3505	12	10
9/16	48-20-3561	5	3
9/16	48-20-3562	9	7
5/8	48-20-3623	5	3
5/8	48-20-3624	9	7
5/8	48-20-3625	12	10
11/16	48-20-3691	5	3
3/4	48-20-3791	5-1/2	3-1/2
3/4	48-20-3796	9	7
7/8	48-20-3861	5	3

"A" TAPER BITS
USE "A" TAPER CHUCKS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/4	48-20-3250	4	2
1/4	48-20-3252	6	4
5/16	48-20-3310	4-1/2	2-1/2
5/16	48-20-3312	6	4
3/8	48-20-3380	4-1/2	2-1/2
3/8	48-20-3381	9	7
3/8	48-20-3382	12	10
7/16	48-20-3440	4-1/2	2-1/2
15/32	48-20-3470	4-1/2	2-1/2
1/2	48-20-3499	9	7
1/2	48-20-3500	4-1/2	2-1/2
1/2	48-20-3501	12	10
9/16	48-20-3559	5	3
9/16	48-20-3560	9	7
5/8	48-20-3619	5	3
5/8	48-20-3620	9	7
5/8	48-20-3621	12	10
11/16	48-20-3690	5	3
3/4	48-20-3790	5-1/2	3-1/2
3/4	48-20-3795	9	7
7/8	48-20-3860	5	3

"B" TAPER BITS
USE "B" TAPER CHUCKS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
11/16	48-20-3680	9	6-3/4
3/4	48-20-3750	9	6-3/4
27/32	48-20-3840	9	6-3/4
7/8	48-20-3870	9	6-3/4
1	48-20-3100	9	6-3/4

FOR ADDITIONAL ACCESSORIES SEE NEXT PAGE

"A" and "B" TAPER CHUCKS ARE AVAILABLE FOR MOST COMPETITIVE HAMMERS.

TAPER CHUCKS

MILWAUKEE "A" TAPER CHUCKS

FITS MODEL NUMBERS	MILWAUKEE CATALOG NUMBER
MILWAUKEE 5300, 5310 Skil 726	48-66-6500
Skil 707, 708 Rockwell 600, 601 Black & Decker 5040-09	48-66-6708
MILWAUKEE 5325 Skil 731, 732 Rockwell 602, 1602 Black & Decker 5048	48-66-6709
Hilti TE-17	48-66-6750

"B" TAPER CHUCKS

MILWAUKEE 5300, 5310 Skil 726	48-66-6501
MILWAUKEE 5325 Skil 731, 732 Rockwell 602 Black & Decker 5048	48-66-6710
Drift Pins when ordered separately	48-86-0090* 48-86-0100

*Use with Chuck NO. 48-66-6708.

GENERAL PURPOSE ONE PIECE BITS

GENERAL PURPOSE BITS No adapter is required. One piece bits fit directly into the nose of the hammer.

WITH 7/16" HEX SHANK

For Models 5300, 5310, 5305, 5315 and Skil 726.

ONE PIECE
7/16" HEX. X 2-1/8" LONG SHANK

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/2	48-20-1500	10	4-1/4
1/2	48-20-1502	16	10-1/2
1/2	48-20-1504	22	16
9/16	48-20-1560	12	6-1/2
5/8	48-20-1630	10	4-1/2
5/8	48-20-1632	16	10-1/2
5/8	48-20-1634	22	16
11/16	48-20-1690	12	6-1/2
3/4	48-20-1750	10	4-1/2
3/4	48-20-1752	16	10-1/2
3/4	48-20-1754	23-1/2	18
7/8	48-20-1880	12	6-1/2
7/8	48-20-1882	23-1/2	18
1	48-20-2000	12	6-1/2
1	48-20-2002	23-1/2	18
1-1/8	48-20-2130	12	6-1/2
1-1/8	48-20-2132	23-1/2	18
1-1/4	48-20-2250	12	7
1-1/4	48-20-2251	23-1/2	18
1-3/8	48-20-2370	12	7
1-3/8	48-20-2372	23-1/2	18
1-1/2	48-20-2500	15	10
1-1/2	48-20-2502	23-1/2	18

WITH 9/16" HEX SHANK

For Models 5325, 5326 and Skil 731, 732, B & D 5048, Rockwell 602 and 1602

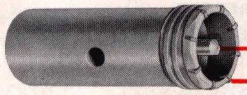
ONE PIECE
9/16" HEX. X 2-1/8" LONG SHANK

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/2	48-20-1509	10-1/2	4-1/2
1/2	48-20-1510	16-1/2	10-1/2
1/2	48-20-1511	22-1/2	16-1/2
9/16	48-20-1561	13	7
5/8	48-20-1631	10	4
5/8	48-20-1633	16-1/2	10-1/2
5/8	48-20-1635	22-1/2	16-1/2
11/16	48-20-1691	13	7
3/4	48-20-1751	10	4
3/4	48-20-1753	16-1/2	10-1/2
3/4	48-20-1755	22-1/2	16-1/2
7/8	48-20-1881	17	11-1/2
7/8	48-20-1883	22-1/2	16-1/2
1	48-20-2001	12-1/2	7
1	48-20-2003	22-1/2	17
1-1/8	48-20-2131	17	11-1/2
1-1/8	48-20-2133	22-1/2	17
1-1/4	48-20-2252	17	11-1/2
1-1/4	48-20-2253	22-1/2	17
1-3/8	48-20-2371	17	11-1/2
1-3/8	48-20-2373	22	17
1-1/2	48-20-2501	17	11-1/2
1-1/2	48-20-2503	22	17

HEAVY-DUTY ROTARY HAMMER ACCESSORIES

FOR ROTARY HAMMER MODELS 5300, 5310 and 5325

ROTARY PERCUSSION CORE BITS For Drilling with Heavy Hammering and Rotary Action



CORE BIT ADAPTER

7/16" and 9/16" HEX. SHANK AVAILABLE

7/16" Hex. shanks fit MILWAUKEE 5300, 5310, 5305, 5315 and Skil 726.

9/16" Hex. shanks fit MILWAUKEE 5325, 5326, Skil 731, 732, B & D 5048 and Rockwell 602, 1602.

CORE BITS

Starter Bit included. Order Core Bit Adapter Separately.

NO. 48-20-5250	1-1/4" × 6"
NO. 48-20-5510	1-1/2" × 6"
NO. 48-20-5760	1-3/4" × 6"
NO. 48-20-6010	2" × 6"
NO. 48-20-6050	2-1/2" × 6"

1/2" STARTER BITS

(Same as furnished with Core Bits)

NO. 48-20-6105	For 1-1/4" Core Bit
NO. 48-20-6110	For 1-1/2" Core Bit
NO. 48-20-6120	For 1-3/4" Core Bit
NO. 48-20-6130	For 2" Core Bit
NO. 48-20-6140	For 2-1/2" Core Bit

CORE BIT ADAPTERS

(Order Separately)

FOR 1-1/4" CORE BIT

NO. 48-03-3515	7/16" Hex. Shank
NO. 48-03-3530	9/16" Hex. Shank

FOR 1-1/2", 1-3/4", 2" AND 2-1/2" CORE BITS

NO. 48-03-3505	7/16" Hex. Shank
NO. 48-03-3520	9/16" Hex. Shank

EXTENSIONS

FOR 1-1/4" CORE BIT

NO. 48-95-6065	12" Long

FOR 1-1/2", 1-3/4", 2" AND 2-1/2" CORE BITS

NO. 48-95-6005	7-1/2" Long
NO. 48-95-6055	12" Long

TOOTH ANCHOR CHUCKS For Application of Self-Drilling Anchors

TOOTH ANCHOR CHUCK

MUST BE USED WITH "B" TAPER CHUCK OR "B" TAPER CHUCK ASSEMBLY AS ILLUSTRATED

"B" TAPER CHUCK *FOR AUTOMATIC ROTATION*

TOOTH ANCHOR CHUCK CATALOG NO.	FOR BOLT SIZE	O.D. OF ANCHOR
48-66-6520	3/16"-1/4"	7/16"
48-66-6540	5/16"	15/32"
48-66-6560	3/8"	9/16"
48-66-6580	1/2"	11/16"
48-66-6600	5/8"	27/32"

For final setting of anchors 1/2" and 5/8" use hand hammer and setting tool.

TOOTH ANCHOR CHUCK KIT NO. 49-22-2000

Tooth Anchor Chucks for bolts sizes 3/16", 1/4", 3/8", 1/2" and 5/8"; "B" Taper Chuck (48-66-6501) with Drift Pin (48-86-0100) and Steel Case (48-55-0780).

7/16" and 9/16" HEX. SHANK AVAILABLE — TOOTH ANCHOR CHUCK — SELF-DRILLING ANCHOR

"B" TAPER CHUCKS

NO. 48-66-6501	7/16" Hex. Shank
NO. 48-66-6710	9/16" Hex. Shank

Drift Pin 48-86-0100 included.

7/16" and 9/16" ROUND SHANK AVAILABLE — TOOTH ANCHOR CHUCK — SELF-DRILLING ANCHOR

"B" TAPER CHUCK ASSEMBLY *FOR MANUAL ROTATION*

"B" TAPER CHUCK ASSEMBLIES

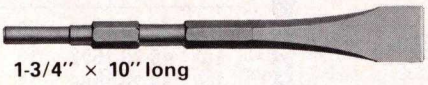
NO. 48-03-3600	7/16" Shank
NO. 48-03-3100	9/16" Shank

Drift Pin 48-86-0100 included.

CHISELS AND BULL POINTS Highest Quality Forged Steel for Chiseling, Channeling, Light Demolition Work, Chipping, Scaling, Slotting and Tuckpointing.

SCALING CHISEL
For removing weld spatter or scale and cutting between drilled holes in concrete for large openings.

7/16" and 9/16" SHANK AVAILABLE



1-3/4" × 10" long

NO. 48-62-0210	7/16" Shank
NO. 48-62-0355	9/16" Shank

MORTAR CUTTING CHISEL
For removing old mortar for tuckpointing or caulking and seaming.

7/16" and 9/16" SHANK AVAILABLE

1" × 11" long

NO. 48-62-0230	7/16" Shank
NO. 48-62-0362	9/16" Shank

COLD CHISEL
For edging, chipping or channeling.

7/16" and 9/16" SHANK AVAILABLE

3/4" × 11" or 18" long

11" LONG

NO. 48-62-0250	7/16" Shank
NO. 48-62-0365	9/16" Shank

18" LONG

NO. 48-62-0252	7/16" Shank
NO. 48-62-0367	9/16" Shank

BULL POINT
For light demolition work.

7/16" and 9/16" SHANK AVAILABLE

11" or 18" long

11" LONG

NO. 48-62-0240	7/16" Shank
NO. 48-62-0380	9/16" Shank

18" LONG

NO. 48-62-0248	7/16" Shank
NO. 48-62-0382	9/16" Shank

SLOTTING CHISEL
For slotting and cutting between drilled holes in concrete and masonry.

7/16" and 9/16" SHANK AVAILABLE

1-1/8" × 11" long

NO. 48-62-0220	7/16" Shank
NO. 48-62-0390	9/16" Shank

HEAVY-DUTY DEMOLITION HAMMER

FAST BREAKUP OF CONCRETE, ASPHALT, CLAY, COMPACTED DIRT QUICKLY LOOSENED WITH CLAY SPADE

NEW 5332 2000 BLOWS PER MIN.

- COMPLETELY SEALED MECHANISM EXCLUDES ABRASIVE DUST INSIDE
- AIR CUSHIONED SYSTEM DELIVERS MAXIMUM BLOW TO BIT—YET SMOOTH OPERATING TO REDUCE FATIGUE
- HANDLES A WIDE RANGE OF HAMMER IRON

- HEAVY-DUTY MILWAUKEE-BUILT MOTOR
- ALL BALL AND ROLLER BEARINGS
- CONVENIENT TWO FINGER TRIGGER SWITCH
- EASY ACCESS BRUSH COVERS
- 3 POSITION PIPE HANDLE

SPECIFICATIONS

	CATALOG NUMBER	VOLTS	AMPS	BLOWS PER MINUTE	LENGTH	NET WEIGHT LBS.	SHIP. WEIGHT LBS.
NEW	5332	120	13	2000	27-3/4"	34	65

STANDARD EQUIPMENT: Demolition Hammer, Steel Carrying Case, Auxilary Pipe Handle and "F" Grease.

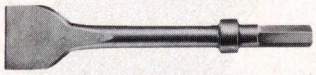
ACCESSORIES

STEEL CARRYING CASE
(When ordered separately)
NO. 48-55-0725

12" BULL POINT NO. 48-62-0165
20" BULL POINT NO. 48-62-0175

12" COLD CHISEL NO. 48-62-0065
20" COLD CHISEL NO. 48-62-0075

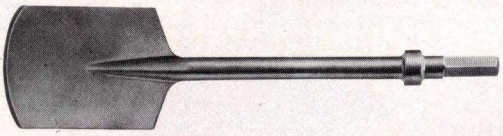
SCALING CHISEL NO. 48-62-0155



SLOTTING TOOL NO. 48-62-0225

BUSHING TOOL NO. 48-62-0900 Used to surface concrete.
BUSHING TOOL HEAD NO. 48-62-0910 Replacement.

CLAY SPADE NO. 48-62-1000



FROST SPADE NO. 48-62-0350

GROUND ROD DRIVER NO. 48-62-6000
Drives 5/8" or 3/4" electrical grounding rods.

STAR DRILLS

1"	× 18"	NO. 48-88-1003
1-1/8"	× 18"	NO. 48-88-1122
1-1/4"	× 18"	NO. 48-88-1250
1-3/8"	× 18"	NO. 48-88-1375
1-1/2"	× 18"	NO. 48-88-1500
1-3/4"	× 18"	NO. 48-88-1750
2"	× 18"	NO. 48-88-2000
2-1/2"	× 18"	NO. 48-88-2500

TURNING HANDLE NO. 49-15-0300
For use with Star Drills.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THIS TOOL COMPLIES WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SAWZALL®

UNSURPASSED FOR OVERALL PERFORMANCE AND RUGGEDNESS

6507
WITH CASE

TRIGGER SPEED CONTROL

0-2400 STROKES PER MINUTE

PRESS SINGLE TRIGGER FOR CONTROLLED SAWING SPEEDS FROM 0 TO 2400 STROKES PER MIN.

DOUBLE INSULATED CONSTRUCTION WITH 3 WIRE GROUNDED SYSTEM

QUIK-LOK DETACHABLE CORD SET

MILWAUKEE ELECTRONICS HEAVY-DUTY SPEED CONTROL SWITCH
RUGGED NEW INDUSTRIAL/CONSTRUCTION SPEED CONTROL FOR HIGH POWER APPLICATIONS. MILWAUKEE'S unique electronic design with remote heat sink reduces electrical switching temperatures — expands the usable range of trigger speed control switches to tools rated for heavy amp loads and the toughest applications. Designed for smooth, precise speed control and greatly extended switch life.

QUIK-LOK CORD SETS

*8' QUIK-LOK	**NO. 48-76-3008**
25' QUIK-LOK	**NO. 48-76-3025**
50' QUIK-LOK	**NO. 48-76-3050**

* Standard Equipment

- **ALL BALL AND ROLLER BEARINGS**
- **DURABLE GLASS REINFORCED NYLON HANDLE**
- **PROTECTIVE FRONT END BOOT**

STEEL CARRYING CASE
NO. 48-55-1500 Standard Equipment

6511 6531
WITH CASE LESS CASE

TWO SPEED

2400 OR 1700 STROKES PER MINUTE

HIGH SPEED FOR ROUGHING IN WOOD AND LOW SPEED FOR EFFICIENT METAL CUTTING

DOUBLE INSULATED CONSTRUCTION WITH 3 WIRE GROUNDED SYSTEM

First powerful, lightweight, portable electric reciprocating saw in a complete unit, the SAWZALL®, with its patented mechanism, has proven its ruggedness and versatility in continuous field use. For Plumbers, Heating and Air Conditioning Contractors, Electricians, Builders, Steel Fabricators, Maintenance People and Manufacturers. Cuts any shape in wood, plaster, metal, plastics, masonite, builder's transite and other sawable materials...plunge cuts in wood and other resilient stock...no starting hole required.

- **ALL BALL AND ROLLER BEARINGS**
- **DURABLE GLASS REINFORCED NYLON HANDLE**
- **PROTECTIVE FRONT END BOOT**

Use Genuine **NEW SUPER-TOUGH™** Bi-Metal Sawzall® Blades — *Cut Faster, Straighter — Last Many Times Longer than any ordinary steel blade.*

STEEL CARRYING CASE
NO. 48-55-1500 Standard Equipment for SAWZALL® NO. 6511

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6507	120	4	3/4"	0-2400	16	7	18

STANDARD EQUIPMENT: Includes Sawzall® Blade Card No. 49-22-1121 for wood and metal—total of 11 blades. Also included are Socket Wrench and Holder, Extra Blade Clamp and Screw, Steel Carrying Case, and 8' Quik-Lok Cord No. 48-76-3008.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6511	120	4	3/4"	2400/1700	16	7	18
6531●	120	4	3/4"	2400/1700	16	7	10

●Less Case

STANDARD EQUIPMENT: Includes Sawzall® Blade Card No. 49-22-1121 for wood and metal—total of 11 blades. Also included are socket wrench and holder, extra blade clamp and screw.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SAWZALL®

CUTS ANY SAWABLE MATERIAL — NEEDS NO STARTING HOLE

6512
WITH CASE

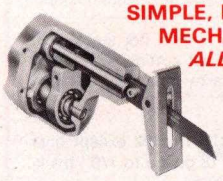
TWO SPEED DOUBLE INSULATED

2400 OR 1700 STROKES PER MINUTE

HIGH SPEED FOR ROUGHING IN WOOD AND LOW SPEED FOR EFFICIENT METAL CUTTING

DOUBLE INSULATED CONSTRUCTION. TWO INDEPENDENT INSULATING BARRIERS BETWEEN ELECTRICAL WINDINGS AND EXPOSED METAL

SIMPLE, RUGGED RECIPROCATING MECHANISM FEATURE, *STANDARD ON ALL SAWZALL® MODELS*



Built to stand large thrust loads in equal amount from either direction. Only three major moving parts. Heavy-duty bearings.

- **ALL BALL AND ROLLER BEARINGS**
- **DURABLE GLASS REINFORCED NYLON HANDLE**
- **PROTECTIVE FRONT END BOOT**

Use Genuine **NEW SUPER-TOUGH™** Bi-Metal Sawzall® Blades — *Cut Faster, Straighter — Last Many Times Longer than any ordinary steel blade.*

STEEL CARRYING CASE
NO. 48-55-1500
Standard Equipment

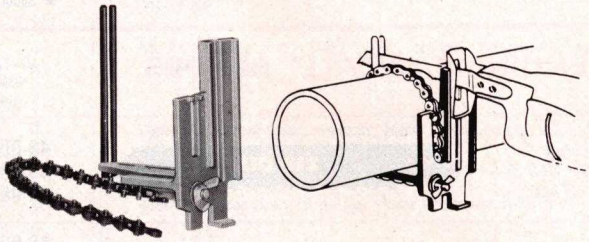
SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	NET WGT. LBS.
6512★	120	4	3/4"	2400/1700	16"	7	18

★ Available in 240 Volts AC Only. Add -2 after Catalog Number when ordering. See price sheet.
STANDARD EQUIPMENT: Includes Sawzall® Blade Card No. 49-22-1121 for wood and metal—total of 11 blades. Also included are socket wrench and holder, extra blade clamp and screw.

ACCESSORIES

STEEL CARRYING CASE
NO. 48-55-1500
Standard Equipment for all Sawzalls® except No. 6531. Features large storage area for extra Sawzall® Blades and accessories. Case designed to fit Sawzall® with up to 6" blade, without removal of blade for storage. Heavy-Duty 20 gauge steel.



SAWZALL® CUT-OFF FIXTURE NO. 48-08-0200
Inexpensive time saving accessory, designed to make square accurate cuts thru steel and plastic pipe and other materials up to 4-1/2" O.D. Easily accommodates irregular shapes to 3-1/4" × 4-1/2".

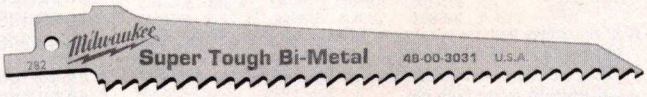
OFFSET BLADE ADAPTER
NO. 48-03-2000

For close quarter sawing. Extra Blade Clamp and Blade Clamp Screw included.
FOR ALL SAWZALLS®
BLADE CLAMP **NO. 42-68-0073**
BLADE CLAMP SCREW **NO. 06-75-2400**

WRENCH, SCREW AND CLAMP KIT NO. 49-22-5080 consists of 10 blade clamp screws, 2 blade clamps and 2 socket wrenches.
WRENCH AND SCREW KIT NO. 49-22-5050 consists of 25 socket wrenches and 50 blade clamp screws.

BLADE CLAMP WRENCH NO. 49-96-0070
RUBBER FLEX WRENCH HOLDER NO. 48-66-4080

TYPE "A" GREASE NO. 49-08-0500 for gear case 1/2 lb. can
TYPE "A" GREASE NO. 49-08-0800 for gear case 1 lb. can
TYPE "B" GREASE NO. 49-08-0600 for mechanism 1/2 lb. can
TYPE "B" GREASE NO. 49-08-0900 for mechanism 1 lb. can



SELECT *SUPER-TOUGH*™ BI-METAL BLADES AND GENUINE SAWZALL® BLADES
SEE PAGES 54, 55 FOR COMPLETE LISTINGS

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SAWZALL® BLADES

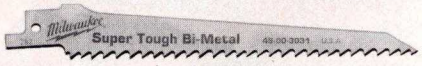
SELECT *SUPER-TOUGH*™ BI-METAL BLADES OR GENUINE SAWZALL® BLADES

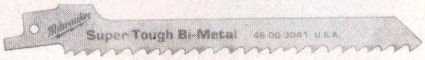
● 1/2" UNIVERSAL TANG FOR RECIPROCATING SAWS ● SOLD IN BOX LOTS ONLY – SEE QUANTITY PER BOX COLUMN

SUPER-TOUGH™ BI-METAL BLADES

- ***CUT FASTER, CUT STRAIGHTER, LAST MANY TIMES LONGER THAN ORDINARY HIGH SPEED STEEL***
- ***BI-METAL CONSTRUCTION: Extra sharp high speed steel teeth welded to alloy back for longer life, fewer changes***

White — BI-METAL WOOD CUTTING



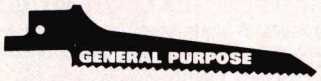
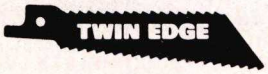


Blue — BI-METAL METAL CUTTING

CATALOG NUMBER (BOX)	TEETH PER INCH	LENGTH INCHES	QTY. PER BOX	RECOMMENDED FOR CUTTING
48-00-3035	6	6	5	Saber tooth design — very fast cutting in wood or nail embedded woods. General roughing in work.
48-00-3031	7	6	5	Fast cutting in wood or nail embedded woods. General roughing in work.
48-00-3041	6	6	5	Very fast cutting in wood or nail embedded woods. Shear tooth design/fleam sharpened for shearing action.
48-00-1180	10	4	10	Heavy gauge metals, cast iron, angles, bar stock 1/8" thick and above. Hard rubber, Fast cutting high speed steel teeth welded to a flexible alloy steel back for high resistance to breakage.
48-00-1181	14	4	10	
48-00-1182	14	6	10	
48-00-1183●	18	4	10	Same Characteristics as 1180, 1181, 1182 except finer teeth for fast cutting of metals 18 guage to 1/8" thick, conduit, pipe, channels and tubing.
48-00-1184●	18	6	10	
48-00-1185●	24	4	10	

● Some varieties of stainless steel can be cut with these blades.

GENUINE SAWZALL® BLADES

	CATALOG NUMBER (BOX)	TEETH PER INCH	LENGTH INCHES	QTY. PER BOX	RECOMMENDED FOR CUTTING
Purple — HIGH ALLOY STEEL	48-00-1001	3	3-1/2	10	Nail free woods...fastest cutting...fully hardened to withstand roughest sawing. Teeth, fleam sharpened to shear, not tear wood fibers. Canted shank provides for faster feed, deeper cut and ideal return stroke clearance.
	48-00-1002	3	6	10	
	48-00-1003	3	12	5	
Orange — HIGH ALLOY STEEL	48-00-1011	6	3-1/2	10	Nail embedded woods and composition materials...12" blade affords flexibility for flush cutting.
	48-00-1012	6	6	10	
	48-00-2011	6	12	5	
	48-00-1013	10	3-1/2	10	For all woods...nail embedded woods, composition materials and light gauge non-ferrous metals.
	48-00-1014	10	6	10	
	48-00-2012	10	12	5	Nail embedded woods...for opening crates, boxes, removing wood siding and shingles.
	48-00-2013	18	12	5	
Green — HIGH ALLOY STEEL	48-00-1021	6	3-1/2	5	All woods including nail embedded woods. Hardened and tempered to resist bend or twist. Even after severe twist, blade springs right back to its original shape.
	48-00-1022	6	6	5	
	48-00-1023	10	3-1/2	5	
	48-00-1024	10	6	5	
Silver — SPRING STEEL	48-00-1031	7	6	5	General roughing-in work in wood and nail embedded woods.
	48-00-1032	7	12	5	
	48-00-1033	7	9	5	
Black — SPRING STEEL 	48-00-1034	6	4	10	General roughing-in work in wood and nail embedded woods. Thinner and harder than 1031 series for faster cuts.
	48-00-1035	6	6	10	
	48-00-1036	6	9	10	
Black — SPRING STEEL	48-00-1041	6	6	5	Wood cutting...shear tooth design...fleam sharpened for shearing action...very fast cutting, long blade life.
	48-00-1042	6	12	3	
	48-00-1043	6	9	4	
Black — BAND SAW STEEL	48-00-1061	6	3-1/2	10	For nail free woods, plywood, asbestos and fiberboard...A general purpose economy type blade.
	48-00-1062	6	6	10	
	48-00-1063	10	3-1/2	10	Nail embedded woods, plywood, insulating board, and asbestos. Can also be used for cutting transite. Blade edge hardened.
	48-00-1064	10	6	10	
	48-00-2064▲	10	6	10	
	48-00-1065	18	3-1/2	10	For nail embedded woods, opening wooden crates or boxes, removing wood siding or shingles. Teeth are fully hardened.
	48-00-1066	18	6	10	
	48-00-2066▲	18	6	10	
	48-00-1067	24	3-1/2	10	For light gauge non-ferrous metals.
	48-00-1068	24	6	10	
Orange — HIGH ALLOY STEEL 	48-00-1131	7	4-1/8	5	Plunge cutting wood and sawing back to a line. Hardened teeth and flexible center permits sawing in closequarters. High resistance to bending or breaking. Ideal for roughing-in.

▲ All blades have teeth set to cut on up stroke except blades 48-00-1202, 48-00-2064 and 48-00-2066. These 3 blades have teeth set to cut on down stroke and are recommended when sawing veneers or plywood to prevent splintering on the finish side.

HEAVY-DUTY SAWZALL® BLADES

CUSTOM MILLED TEETH, SET AND HARDENED FOR MAXIMUM PERFORMANCE

● 1/2" UNIVERSAL TANG FOR RECIPROCATING SAWS ● SOLD IN BOX LOTS ONLY – SEE QUANTITY PER BOX COLUMN

GENUINE SAWZALL® BLADES

		CATALOG NUMBER (BOX)	TEETH PER INCH	LENGTH INCHES	QTY. PER BOX	RECOMMENDED FOR CUTTING
(SEE CHART)	WOOD SCROLL	48-00-1121	6	3-5/8	5	Sawing intricate shapes and scroll cuts in wood and synthetic structural materials. (1121) a carbon steel economy blade (Gray) (1151) a high speed steel Deluxe blade (Black).
		48-00-1151	6	3-5/8	5	
		48-00-1141	7	3-5/8	10	Rough cutting irregular contours in wood, fiberboard, asphalt and asbestos. Spring steel blade. (Black).
		48-00-1201	6	3-5/8	5	High speed steel, hollow ground...Deluxe type...for fast, smooth finish scroll cuts in wood, plastics, formica and fiberglass. (Silver with black shank).
		48-00-1202▲	6	3-5/8	5	
Red – HIGH SPEED STEEL	METAL SCROLL	48-00-1101	14	2-1/2	10	Scroll cutting metals. 14 tooth for 1/8" and over. 18 tooth – 18 ga. to 1/8"; 24 tooth – lighter than 18 ga.
		48-00-1102●	18	2-1/2	10	
		48-00-1103●	24	2-1/2	10	
Yellow – HIGH SPEED STEEL	METAL SCROLL	48-00-1161	10	3-5/8	10	Heavy gauge metal, hard rubber and fiber.
		48-00-1162	14	3-5/8	10	
Red – HIGH SPEED STEEL	METAL CUTTING (HIGH SPEED)	48-00-2175	10	8	5	Steel or copper pipe to 4" dia., and also metal decking materials.
		48-00-1171	14	2-1/2	10	Metal heavier than 1/8" thick, angles, bar stock, hard rubber and fiber.
		48-00-1172	14	4	10	
		48-00-1179	14	6	10	
		48-00-1173●	18	2-1/2	10	Heavy gauge metals, conduit, pipe, channels and tubing.
		48-00-1174●	18	4	10	
		48-00-2170●	18	6	10	
		48-00-1175●	24	2-1/2	10	Metals lighter than 18 gauge sheet, trim and tubing.
		48-00-1176●	24	4	10	
		48-00-2171●	24	6	10	
		48-00-1177	32	2-1/2	10	Very light gauge metals...sheet trim and tubing.
		48-00-1178	32	4	10	
White – HIGH ALLOY STEEL	PLASTER CUTTING	48-00-1051	5	3-1/2	10	For plaster, plaster with metal lath, plasterboard. Cuts on both forward and backward stroke.
		48-00-1052	5	6	10	
Black – TUNGSTEN CARBIDE	SCROLL TUNGSTEN CARBIDE	48-00-1410†	GRIT	3-1/2	3	Medium grit: for brick, carbon, claypipe, chalkboard, plywood, hardwood veneer plywood.
Black – TUNGSTEN CARBIDE	TUNGSTEN CARBIDE	48-00-1400†	GRIT	4	3	Coarse grit: for fiberglass (epoxies, polyesters, silicones, malamines).
		48-00-1420†	GRIT	6	3	Nail embedded wood, plaster with nails, asbestos cement.
Silver – SPRING STEEL	SPECIAL (KNIFE)	48-00-1071	KNIFE	4	10	Sponge, rubber, leather, felt and other resilient materials.
Green – HIGH ALLOY STEEL	PRUNING	48-00-1302	6	12	5	Pruning trees, smooth sawing green woods. Deep tooth design, fleam filed. Clean cuts wood fibers.

▲ All blades have teeth set to cut on up stroke except blades 48-00-1202, 48-00-2064 and 48-00-2066. These 3 blades have teeth set to cut on down stroke and are recommended when sawing veneers or plywood to prevent splintering on the finish side.

● Some varieties of stainless steel can be cut with these blades.

† With 2-Speed and Trigger Speed Control SAWZALL® use slower speeds. Carbide blades cut on both the up and down strokes giving better edge finish.

ECONOMY BLADE ASSORTMENT NO. 49-22-1080

A special package value includes 45 Sawzall® Blades of 18 most popular types of cutting wood or metal. Consists of five each Nos. 48-00-(1063, 1064, 1174); three each 48-00-(1061, 1102, 1183); two each 48-00-(1023, 1024, 1041, 1051, 1062, 1103, 1121, 1141, 1173); one each 48-00-(1031, 1002, 1012).

NEW SAWZALL® BLADE CARD NO. 49-22-1121

Consists of one each of 48-00-(1011, 1023, 1031, 1064, 1141 and bi-metal 3031) for wood. 48-00-(1102, 1171, 1174, and bi-metal 1181 and 1184) for metal. A total of 11 blades.

NEW BI-METAL SAWZALL® BLADE MERCHANDISER NO. 49-22-1068

Compact wall hanging display will promote and sell the new MILWAUKEE Sawzall® Blade packages. Eight hooks can hold up to 40 Super-Tough™ Bi-Metal Blade packages. Place several displays side by side to increase the selection and quantity of blades available to your customers. The header explains the benefits of Bi-Metal Blade construction and features a photo of a MILWAUKEE Sawzall® and a Super-Tough™ Bi-Metal blade. Measures 10-1/2" wide by 12" high.

CATALOG NUMBER	NO. OF PACKAGES	BLADES PER PACKAGE
48-00-1180	1	10
48-00-1181	1	10
48-00-1182	1	10
48-00-1183	1	10
48-00-1184	1	10
48-00-1185	1	10
48-00-3031	1	5
48-00-3041	1	5

NEW SAWZALL® BLADE MERCHANDISER NO. 49-22-1064

Handsome wood cabinet with a glass door and formed plastic blade compartments. Comes with an attractive header sign and shelves in the rear for handy blade storage. Includes 198 blades plus a socket wrench and screw kit*. The complete unit measures 16" deep, 16-1/2" wide and 24" high.

CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES
48-00-1001	5	48-00-1062	10	48-00-1162	5	48-00-1181	5
48-00-1002	5	48-00-1063	10	48-00-1171	5	48-00-1182	5
48-00-1012	4	48-00-1064	10	48-00-1172	5	48-00-1183	5
48-00-1022	3	48-00-1102	5	48-00-1173	5	48-00-1184	5
48-00-1031	5	48-00-1103	6	48-00-1174	5	48-00-1185	5
48-00-1032	4	48-00-1121	3	48-00-1175	5	48-00-1420	3
48-00-1041	5	48-00-1131	5	48-00-1176	5	48-00-2170	5
48-00-1042	3	48-00-1141	3	48-00-1178	4	48-00-3031	5
48-00-1051	5	48-00-1151	5	48-00-1179	5	48-00-3041	5
48-00-1052	5	48-00-1161	5	48-00-1180	5	49-22-5050*	1

NEW SAWZALL® BLADE MERCHANDISER REFILL NO. 49-22-1063

NEW SAWZALL® BLADE MERCHANDISER REFILL NO. 49-22-1055

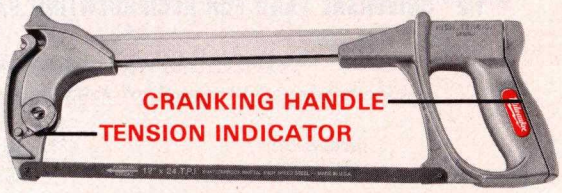
For previous Merchandiser No. 49-22-1062. Same as No. 49-22-1063 plus plastic blade tray.

HEAVY-DUTY HACK SAWS • BLADES • JOB SAW

12" BI-METAL BLADE HACK SAW FRAME

NO. 48-08-0320

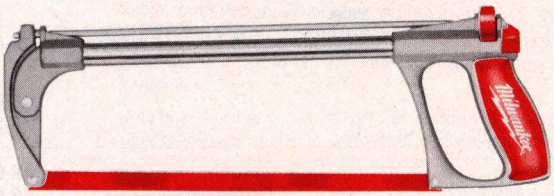
MILWAUKEE'S FINEST Hack Saw features a built-in cranking handle to achieve the higher tension required for MILWAUKEE'S Bi-Metal Blades. A tension indicator helps assure proper tension for more efficient cutting and longer blade life. Rectangular tube construction provides greater strength than ordinary hacksaws. Knuckle Guard protects hands. Blades can be positioned for 90°, 45° angle or flush cutting.



DELUXE 12" HACK SAW FRAME

NO. 48-08-0300

MILWAUKEE Deluxe Hack Saw features a new method of holding blade. Blade cannot "twist" or "wobble", therefore giving a more accurate cutting stroke and a longer blade life. Blade may be positioned to cut sideways absolutely flush with a surface. Cuts completely down to surface. A heavy-duty 12" Hack Saw designed for a lifetime of use.



10" TO 12" HACK SAW FRAME

NO. 48-08-0310

MILWAUKEE tubular Hack Saw of strong aluminum die case construction adjusts for 10" or 12" blades. Smooth, comfortable front and rear handle grips. Locking screw extends all the way through tube for tighter alignment. Tube walls never press against threads of screw. Front stretcher held in snug fitting square hole — not a "punched hole" in thin wall of tubing. Good solid alignment in both 10" and 12" positions.

MILWAUKEE HACK SAW BLADES

SUPER-TOUGH™ BI-METAL, HIGH SPEED MOLYBDENUM STEEL and CARBON ALLOY STEEL BLADES

MILWAUKEE SUPER-TOUGH™ BI-METAL BLADES outlast conventional blades up to 3 times longer, requires fewer blade changes. Can be used in any hacksaw frame, but performs better under high tension of Bi-Metal frame.

SUPER-TOUGH™ BI-METAL

PACKAGE OF 10 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0600	12"	14	RAKER
48-43-0610	12"	18	RAKER
48-43-0620	12"	24	WAVY
48-43-0630	12"	32	WAVY

HIGH SPEED MOLYBDENUM STEEL

PACKAGE OF 100 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0550	12"	14	RAKER
48-43-0560	12"	18	RAKER
48-43-0570	12"	24	WAVY
48-43-0580	12"	32	WAVY

PACKAGE of 10 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0010	10"	18	RAKER
48-43-0050	12"	14	RAKER
48-43-0060	12"	18	RAKER
48-43-0110	10"	24	WAVY
48-43-0120	10"	32	WAVY
48-43-0130	12"	24	WAVY
48-43-0140	12"	32	WAVY

CARBON ALLOY STEEL

PACKAGE OF 100 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0500	12"	14	RAKER
48-43-0510	12"	18	RAKER
48-43-0520	12"	24	WAVY
48-43-0530	12"	32	WAVY

HAND HACK SAW BLADE MERCHANDISER

NO. 49-22-1180

Contains 43 packages of blades
2 hack saw frames No. 48-08-0300
2 hack saw frames No. 48-08-0310
1 merchandiser

CATALOG NUMBER	NUMBER OF PACKAGES	NUMBER OF BLADES PER PACKAGE
48-43-0010	1	10
48-43-0110	1	10
48-43-0120	1	10
48-43-0050	10	10
48-43-0060	10	10
48-43-0130	10	10
48-43-0140	10	10

HEAVY-DUTY JOB SAW

- *PERFORMS AS A DRYWALL AND KEYHOLE SAW*
- *ACCOMMODATES MILWAUKEE SAWZALL® BLADES*

Excellent for cutting nails, lath, plasterboard, BX cable, wood, conduit, etc. Cut comfortably in any position by simply turning the saw in your hand. Standard Sawzall® blade clamp with wing nut locks blade securely.

JOB SAW PACKAGE
NO. 48-08-0400

Includes No. 48-00-1035 quality 6 tooth all purpose blade for nail embedded woods, transite, asbestos and fiberboard.

SELECT 1/2" TANG SAWZALL® BLADES TO FIT JOB SAW. SEE PAGES 54 AND 55.

HEAVY-DUTY ELECTRIC CHAIN SAWS

16" and 20" SIZES

- POWERFUL, HIGH PERFORMANCE DESIGN
- FLUSH CUTS...NO HOUSING OR BOLT OVERHANG
- PLUNGER-TYPE CHAIN OILER...ONE PINT CAPACITY
- INSTANT START EVEN IN FREEZING TEMPERATURES
- CHAIN CUTTING SPEED 2200 FT. PER MIN.
- QUIET, SMOOTH, ELECTRIC MOTOR
- NO FUEL...NO FIRE HAZARD
- LIGHTWEIGHT

POWERFUL MILWAUKEE BUILT MOTOR
ALL BALL BEARINGS

Ruggedly built, fast cutting Chain Saw with functional housing proportioned for best balance. Grip handles located for easy handling in any position. Dustproof trigger switch. Tempered steel Guide Bar with uniform hardness and straight rail for friction-free chain travel. 3/8" pitch Chipper Chain for all-around cutting. Recessed chain and guide bar adjustment. Cleats provide fulcrum for feeding into work.

SPECIFICATIONS

CATALOG NUMBER	BAR LENGTH	VOLTS	AMPS	CUTTING SPEED FT./MIN.	NET WT. LBS.	SHP. WT. LBS.
6210★	16"	120	15	2200	17-1/2	24
6211	20"	120	15	2200	18-1/2	26

★ Available in 240 Volts. Add -2 after Catalog Number when ordering. See price sheet.
STANDARD EQUIPMENT: Includes Chipper Chain, Guide Bar and Wrench.

ACCESSORIES FOR MODELS 6210 AND 6211 AND ALL PREVIOUS MODELS

GUIDE BARS

CHAINS

FILE AND HOLDER

NO. 48-09-5016	16" GUIDE BAR
NO. 48-09-5020	20" GUIDE BAR
NO. 48-58-0016	16" CHIPPER CHAIN
NO. 48-58-0020	20" CHIPPER CHAIN
NO. 49-17-0100	FILE AND HOLDER (For use with 3/8" pitch chain)
NO. 49-22-3010	CHAIN REPAIR KIT (For use with Chipper Chain) Includes two tie straps, 2 preset side links and one drive link.
NO. 49-96-6200	CHAIN SAW WRENCH
NO. 49-08-0500	1/2 LB. TYPE "A" GREASE
NO. 49-08-0800	1 LB. TYPE "A" GREASE

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY PORTABLE ELECTRIC BAND SAWS

ALL MODELS USE STANDARD 44-7/8" × 1/2" × .020 BAND SAW BLADES

- Gear drive mechanism is lubricated with grease — no oiling required!
- Precision Ball Bearing Blade Guide
- Ideal for sawing PVC tubing
- Front T-Handle for better control

6225 LESS CASE / 6226 WITH CASE

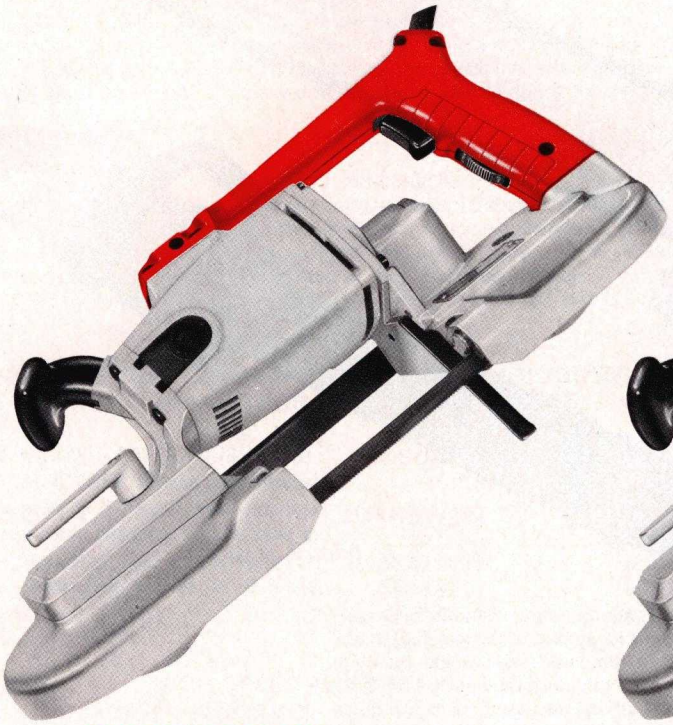
TWO SPEED

200 AND 250 SURFACE FT./MIN.

NEW 6227 LESS CASE / NEW 6234 WITH CASE

TRIGGER SPEED CONTROL

0 TO 250 SURFACE FT./MIN.



MILWAUKEE ELECTRONICS HEAVY-DUTY TRIAC SPEED CONTROL SWITCH

Depress the trigger switch for variable speed control from 0 to 250 feet per minute. The further the switch is depressed, the greater the speed between 0 and 250 feet per minute, adjust the knurled knob located in the trigger switch.

SPECIFICATIONS

CATALOG NUMBER	NO LOAD SURFACE FT. PER MIN.	VOLTS AC ONLY	AMPS	CAPACITY ROUND STOCK	CAPACITY RECTANGULAR STOCK	LENGTH INS.	NET WEIGHT LBS.	SHP. WEIGHT LBS.
6225 Less Case	250/200	120	6/5	3-1/2"	3-1/2" × 4-1/2"	20	16	18-1/2
6226	Same as 6225, but with Steel Carrying Case							27-1/2
NEW **6227** Less Case	0-250	120	6	3-1/2"	3-1/2" × 4-1/2"	20	16	18-1/2
NEW **6234**	Same as 6227, but with Steel Carrying Case							27-1/2

STANDARD EQUIPMENT: Includes one No. 48-39-0360 quality 14 tooth high speed steel blade.

PORTABLE BAND SAW TABLE NO. 48-08-0250

CONVERTS MILWAUKEE'S PORTABLE BAND SAW TO A STATIONARY UNIT. CAN BE MOUNTED ON A WORKBENCH OR USED ON THE JOB WITH 3/4" DIAMETER PIPE FOR LEGS. SPRING LOADED HANDLE AIDS CLAMPING WITH HEAVY-DUTY CHAIN CLAMP FOR ALL SHAPES OF MATERIAL. NET WEIGHT 22 LBS.

PIPE LEGS ARE NOT SUPPLIED WITH UNIT.

BAND SAW MOUNTING BRACKET NO. 48-49-0010 MOUNTS MILWAUKEE BAND SAW TO ROCKWELL 5032 BAND SAW STAND.

TYPE "E" GREASE
1 lb. can
NO. 49-08-4120

STEEL CARRYING CASE
When purchased separately
NO. 48-55-1090

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY BAND SAW BLADES

44-7/8" x 1/2" x .020 and 53-3/4" x 1/2" x .020 SIZES

Functional packaging for small quantity blades.

Bulk Packaged High Speed Steel and Alloy Steel Band Saw Blades available. See quantities listed in Charts.

FOR CUTTING STOCK 11/32" TO 3-3/8" *	6 TEETH/INCH
FOR CUTTING STOCK 11/32" TO 3-3/8" *	8 TEETH/INCH
FOR CUTTING STOCK 3/16" TO 3-3/8" *	10 TEETH/INCH
FOR CUTTING STOCK 5/32" TO 1/2" *	14 TEETH/INCH
FOR CUTTING STOCK 1/8" TO 1/4" *	18 TEETH/INCH
FOR CUTTING STOCK 3/32" TO 1/8" *	24 TEETH/INCH

*Refer to RECOMMENDED USE for type of blade.

CARBON STEEL BAND SAW BLADES

CARBON STEEL BLADES An inexpensive utility blade for intermittent use that will cut a wide range of material.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	THICKNESS OF MATERIAL TO BE CUT	TEETH PER INCH	LENGTH
48-39-0050	3	High speed cutting of aluminum, brass, copper, soft bronze, magnesium, wood, mild steel; and tougher steels at slow speeds	11/32"-3-3/8"	6	44-7/8"
48-39-0060	3	High speed cutting of aluminum, brass, copper, magnesium, mild steel; and tougher steels at slow speed	11/32"-3-3/8"	8	44-7/8"
48-39-0070	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels at slow speed	3/16"-3-3/8"	10	44-7/8"
48-39-0150	3		3/16"-3-3/8"	10	53-3/4"
48-39-0080	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels and electric cable at slow speed	5/32"-1/2"	14	44-7/8"
48-39-0160	3		5/32"-1/2"	14	53-3/4"
48-39-0090	3	High speed cutting of angle iron, bronze, brass, copper, galvanized pipe, thin wall tubing, mild steel; and tougher steels at slow speed	1/8"-1/4"	18	44-7/8"
48-39-0170	3		1/8"-1/4"	18	53-3/4"
48-39-0100	3		3/32"-1/8"	24	44-7/8"
48-39-0180	3		3/32"-1/8"	24	53-3/4"

BI-METAL BAND SAW BLADES

MILWAUKEE SUPER-TOUGH™ Bi-Metal Blades outlast conventional blades up to 3 times longer, requires fewer blade changes. Extremely hard and uniform tooth point is electron beam welded to a tough durable backing with high flex life for faster cutting, longer blade life.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	THICKNESS OF MATERIAL TO BE CUT	TEETH PER INCH	LENGTH
48-39-0500	1	High speed cutting of aluminum, angle iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including stainless, chrome, tungsten steels plus other problem material at slow speed.	3/16"-3-3/8"	10	44-7/8"
48-39-0502	100		3/16"-3-3/8"	10	44-7/8"
48-39-0510	1		5/32"-1/2"	14	44-7/8"
48-39-0512	100		5/32"-1/2"	14	44-7/8"
48-39-0520	1		1/8"-1/4"	18	44-7/8"
48-39-0522	100		1/8"-1/4"	18	44-7/8"
48-39-0530	1		3/32"-1/8"	24	44-7/8"
48-39-0532	100		3/32"-1/8"	24	44-7/8"

HIGH SPEED STEEL BAND SAW BLADES

High Speed Steel blades will outlast carbon steel and alloy steel blades for cutting most materials. Ideal for cutting carbon steel, drill rod and other solid and large diameter hard materials.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	THICKNESS OF MATERIAL TO BE CUT	TEETH PER INCH	LENGTH
44-7/8" BLADES FOR USE WITH MILWAUKEE BAND SAW					
48-39-0350	1	High speed cutting of aluminum, angle iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including stainless, chrome, tungsten steels plus other problem material at slow speed.	3/16"-3-3/8"	10	44-7/8"
48-39-0352	100		3/16"-3-3/8"	10	44-7/8"
48-39-0360	1		5/32"-1/2"	14	44-7/8"
48-39-0362	100		5/32"-1/2"	14	44-7/8"
48-39-0370	1		1/8"-1/4"	18	44-7/8"
48-39-0372	100		1/8"-1/4"	18	44-7/8"
48-39-0380	1		3/32"-1/8"	24	44-7/8"
48-39-0382	100		3/32"-1/8"	24	44-7/8"
48-39-0450	1		3/16"-3-3/8"	10	53-3/4"
48-39-0460	1		5/32"-1/2"	14	53-3/4"
48-39-0470	1		1/8"-1/4"	18	53-3/4"
48-39-0480	1		3/32"-1/8"	24	53-3/4"

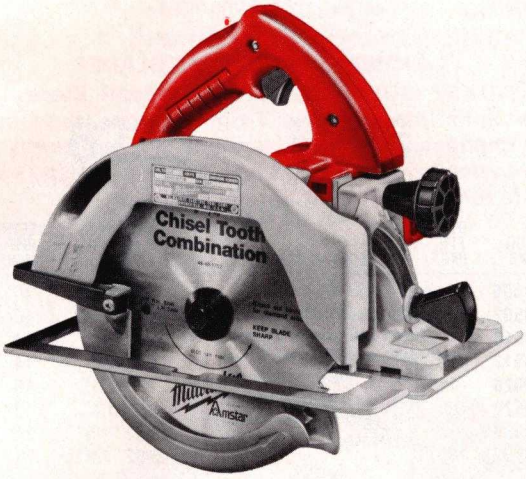
ALLOY STEEL BAND SAW BLADES

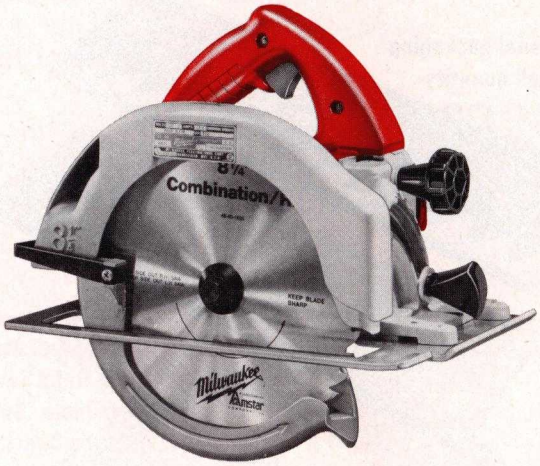
ALLOY STEEL BLADES Give greater blade life and sustain higher shock than carbon steel blades and cut a wider range of materials including tough alloys and structural steel.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	THICKNESS OF MATERIAL TO BE CUT	TEETH PER INCH	LENGTH
48-39-0250	1	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including chrome and tungsten steels at slow speed	3/16"-3-3/8"	10	44-7/8"
48-39-0252	100		3/16"-3-3/8"	10	44-7/8"
48-39-0260	1	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including chrome, tungsten steels and electric cable at slow speed	5/32"-1/2"	14	44-7/8"
48-39-0262	100		5/32"-1/2"	14	44-7/8"
48-39-0270	1	High speed cutting of angle iron, bronze, brass, copper, galvanized pipe, thin wall tubing, mild steel; and tougher steels including chrome and tungsten steels at slow speed	1/8"-1/4"	18	44-7/8"
48-39-0272	100		1/8"-1/4"	18	44-7/8"
48-39-0280	1	High speed cutting of angle iron, bronze, brass, copper, galvanized pipe, thin wall tubing, mild steel; and tougher steels at slow speed	3/32"-1/8"	24	44-7/8"
48-39-0282	100		3/32"-1/8"	24	44-7/8"

HEAVY-DUTY
7-1/4" and 8-1/4" CIRCULAR SAWS

13 AMP MOTOR





7-1/4"

6365

6367 (DOUBLE INSULATED)

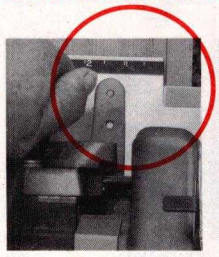
8-1/4"

6405

6407 (DOUBLE INSULATED)

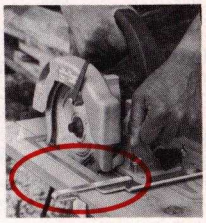
LIGHTWEIGHT HEAVY-DUTY BALANCED CONTRACTORS SAWS WITH SUPER SAWING FEATURES

- **All Ball and Roller Bearings**
- **Serviceable...External Brushes**
- **Heavy-Duty Construction Throughout... Strong — Non-Conductive Glass Reinforced Nylon Housing and Handle**
- **Quick Return, Heavy-Duty, Safety Telescoping Guard. Smooth, Easy Action**

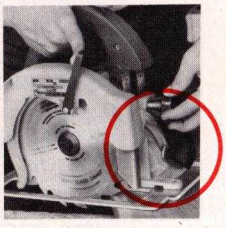


Clear Line Sighting... operator sees exactly where blade will cut.

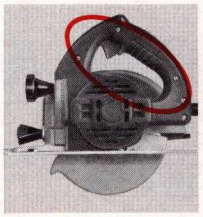
Graduated lip on shoe for fast set-up of rip cuts.



Rip Guide easily attached and held firmly. Available as an accessory.

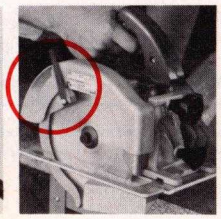


One knob adjustment for height and one knob adjustment for angle.



Special Trigger Switch — Handle. Designed for maximum control when carrying and when sawing.

Heavy-duty cord for extra long service. Cord wear is minimized by rear center strain relief.



Rear and side sawdust chute ejects sawdust away from operator and work.

Quick Return, Heavy-Duty, Safety Telescoping Guard. Smooth, easy action.

STEEL CARRYING CASE NO. 48-55-1150

MISCELLANEOUS
NO. 49-96-6200
9/16" Utility Wrench
NO. 49-08-4120
1 Lb. Can "E" Grease

RIP FENCE KIT
NO. 49-22-4100
Includes Two Wing Screws No. 06-88-0110

SEE PAGES 64 and 65 FOR CIRCULAR SAW BLADES

SPECIFICATIONS

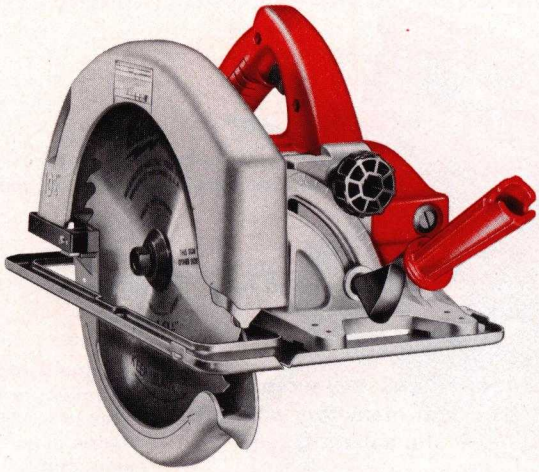
BLADE SIZE	CATALOG NUMBER	SAW TYPE	VOLTS	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	MAX. DEPTH OF CUT AT 45°	NET WEIGHT LBS.	SHP. WEIGHT LBS.
7-1/4"	**6365★**	CONTRACTORS SAW	120	13.0	5800	5/8"	2-7/16"	1-27/32"	12	17
7-1/4"	**6367**	CONTRACTORS SAW (DOUBLE INSULATED)	120	13.0	5800	5/8"	2-7/16"	1-27/32"	12	17
8-1/4"	**6405**	CONTRACTORS SAW	120	13.0	5800	5/8"	2-15/16"	2-1/8"	13	18
8-1/4"	**6407★**	CONTRACTORS SAW (DOUBLE INSULATED)	120	13.0	5800	5/8"	2-15/16"	2-1/8"	13	18

STANDARD EQUIPMENT: Includes Combination Saw Blade and 9/16" Wrench.
★ Available in 240 Volts. Add -2 after Catalog Number when ordering. See price sheet.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 10-1/4" CIRCULAR SAW

15 AMP MOTOR

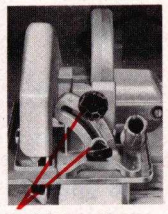


10-1/4"
6460

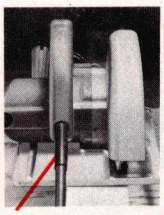
NO. 6460 SAW FURNISHED WITH STEEL CARRYING CASE, COMBINATION RIP SAW BLADE, 9/16" UTILITY WRENCH, AUXILIARY HANDLE AND RIP FENCE

POWERFUL 10-1/4" SAW WILL CUT, RIP 4 × 4 LUMBER

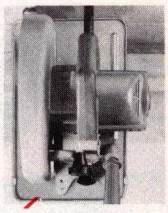
- All Ball and Roller Bearings
- Serviceable...External Brushes
- Heavy-Duty Construction Throughout... Strong — Non-Conductive Glass Reinforced Nylon Housing and Handle
- Quick Return, Heavy-Duty, Safety Telescoping Guard. Smooth, Easy Action



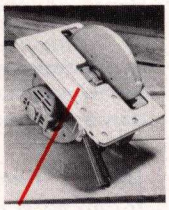
● Height adjustment and Angle adjustment controlled by separate front facing knobs for convenient control.



● Central location of Strain Reliever and Electrical Cord minimizes wear and kinking.

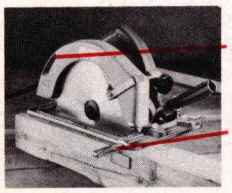


● Clear Line Sighting... operator knows exactly where circle saw blade will cut. For 45° through 90°.



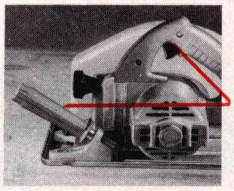
● Rigid Steel Wrap-Around Shoe for maximum strength and accuracy.

STEEL CARRYING CASE NO. 48-55-1170



● Rear and Side Sawdust Chute ejects sawdust away from operator and work.

● Easily adjustable Rip Guide attached and held firmly. Furnished as standard equipment.



● Handles and Trigger Switch designed for maximum control during saw operation and when carrying.

MISCELLANEOUS
NO. 49-96-6200
9/16" Utility Wrench
NO. 49-08-4120
1 Lb. Can "E" Grease

RIP FENCE KIT
NO. 49-02-0080
Includes Two Wing Screws No. 06-88-0110

SEE PAGES 64 AND 65 FOR CIRCULAR SAW BLADES

SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	SAW TYPE	VOLTS	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	MAX. DEPTH OF CUT AT 45°	NET WEIGHT	SHP. WEIGHT
10-1/4"	**6460★**	CONTRACTORS SAW	120	15.0	5200	3/4"	15/16" TO 3-15/16"	1" TO 2-13/16"	19-1/2 lbs.	38 lbs.

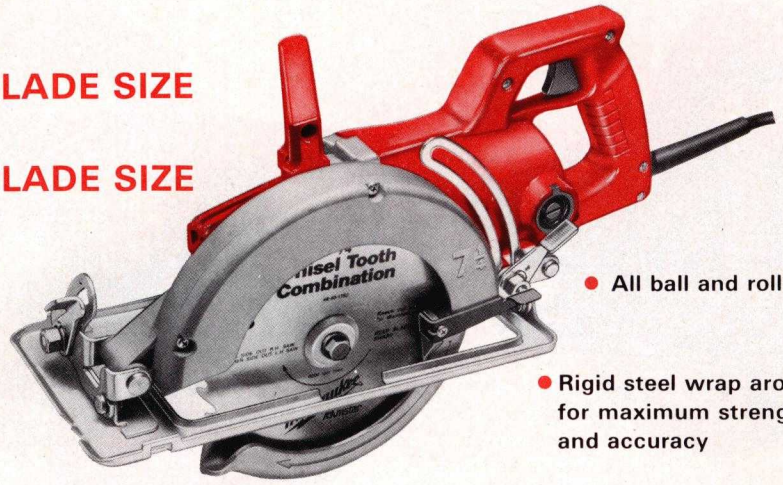
STANDARD EQUIPMENT: Includes Steel Carrying Case, 9/16" Utility Wrench, Rip Fence, Combination Rip Saw Blade, Auxiliary Handle.
★ Available in 240 Volts. Add -2 after Catalog Number when ordering. See price sheet.

HEAVY-DUTY WORM DRIVE SAWS

15 AMP MOTOR

6377 7-1/4" BLADE SIZE

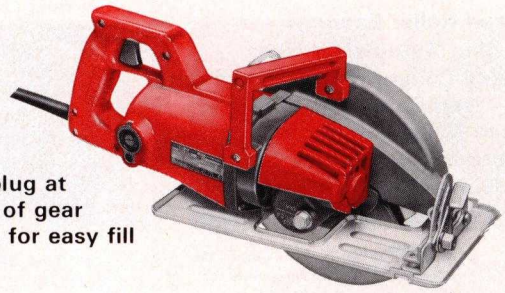
6378 8-1/4" BLADE SIZE



- All ball and roller bearings
- Rigid steel wrap around shoe for maximum strength and accuracy

POWERFUL HEAVY-DUTY MOTOR WITH LAMINATION SPECIFICALLY DESIGNED FOR TOUGHEST APPLICATIONS

- Fast positive miter and depth adjustments
- Brush holders with positive brush stop—prevents possible damage of commutator
- Up to 1" lumber can be used for an edge guide on either side of shoe when ripping large panels



- Oil plug at side of gear case for easy fill

STEEL CARRYING CASE
NO. 48-55-1100

RIP FENCE KIT
NO. 49-22-4110
Includes Screw No. 06-81-1800 and Spring No. 40-50-1300.

OIL FOR WORM DRIVE SAW
NO. 49-32-0050 1/2 Pt. Oil
NO. 49-32-0060 1 Pt. Oil
NO. 49-32-0070 1/2 Gal. Oil

MISCELLANEOUS
NO. 49-96-6200 9/16" Wrench

SEE PAGES 64 and 65 FOR CIRCULAR SAW BLADES

SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	SAW TYPE	VOLTS	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	MAX. DEPTH OF CUT AT 45°	NET WEIGHT	SHP. WEIGHT
7-1/4"	**6377★**	WORM DRIVE SAW	120	15	4400	DIAMOND	0 to 2-3/8"	0-1-7/8"	17 lbs.	23 lbs.
8-1/4"	**6378★**	WORM DRIVE SAW	120	15	4400	DIAMOND	0 to 2-5/8"	0-2-1/4"	17-1/4 lbs.	23-1/4" lbs.

STANDARD EQUIPMENT: Includes Combination Blade and 9/16" Wrench.
★ Available in 240 Volts, Double Insulated: No. 6387-2 7-1/4", No. 6388-2 8-1/4". See price sheet.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY CHOP SAWS

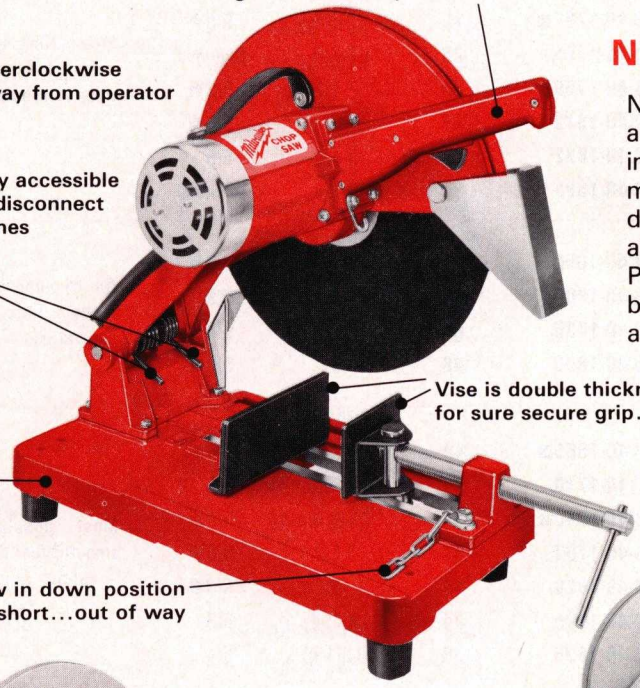
15 AMP MOTOR

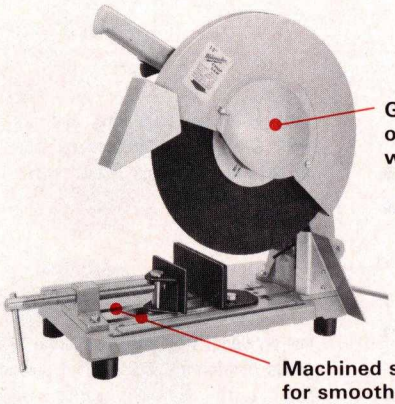
FAST CHOP CUTTING ACTION IN ANGLE IRON, PIPE, TUBING, CONDUIT, PVC and CHANNELS

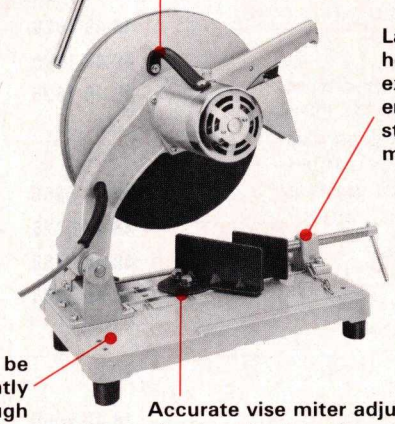
NEW 6165 12" BLADE SIZE

NEW 6170 14" BLADE SIZE

NEW MILWAUKEE Heavy-Duty Chop Saws are designed for maximum cutting efficiency in any shop or job site location. Powerful motor, huge cutting capacity, rugged heavy-duty construction to provide stable cutting of angle iron, pipe, tubing, conduit, channels, PVC...any sawable material. Efficiently cuts bundles of drywall studs. Extensively used in any heavy-duty industrial construction.







SPECIFICATIONS

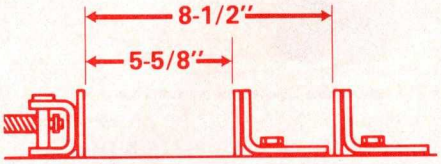
BLADE SIZE	CATALOG NUMBER	VOLTS	AMPS	NO LOAD SPEED (RPM)	ARBOR	CAPACITIES: PIPE DIAMETER	CAPACITIES: BAR STOCK	CAPACITIES: SQUARE STOCK	NET WEIGHT	SHP. WEIGHT
12"	***NEW* 6165**	115 AC	15	4200	1"	4"	2-3/8"	4"	35 lbs.	42 lbs.
14"	***NEW* 6170**	115 AC	15	3600	1"	5"	2-9/16"	4-3/8"	40 lbs.	45 lbs.

STANDARD EQUIPMENT: Includes Vice, Abrasive Wheel, Open End Wrench, NO. 49-96-4120 and Spanner Wrench, NO. 49-96-7610.

ABRASIVE CUT-OFF WHEELS

PACKED AND SOLD ONLY IN BOXES OF 5

CATALOG NUMBER	BLADE DIAMETER	ARBOR DIAMETER	MAXIMUM SAFE SPEED RPM
49-93-6220	12" × 3/32"	1"	5000
49-93-6230	14" × 3/32"	1"	4350

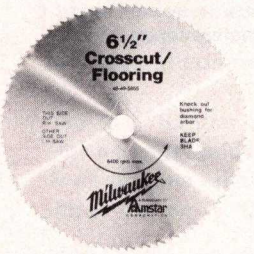


MAXIMUM OPENINGS FOR TWO POSITION VISE

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY CIRCULAR SAW BLADES

CHROME NICKEL STEEL — PRECISION FILED AND SET



SAW BLADE	CATALOG NUMBER	NUMBER OF TEETH	BLADE DIA. INCHES	ARBOR HOLE INCHES	RECOMMENDATIONS FOR SAWING
CHISEL TOOTH COMBINATION	48-40-1653■	24	6-1/2	5/8♦	Free-cutting general purpose blade for cutting in any direction. Rips, crosscuts, miters on both hard and soft woods.
	48-40-1722■	26	7	5/8	
	48-40-1752■	26	7-1/4	5/8♦	
	48-40-1755	26	7-1/4	Diamond	
	48-40-1760	26	7-1/2	5/8♦	
	48-40-1812	28	8	5/8♦	
	48-40-1822	30	8-1/4	5/8	
	48-40-1823	30	8-1/4	Diamond	
MASTER COMBINATION	48-40-1650	48	6-1/2	5/8♦	An all-purpose blade for smooth, fast cutting. Cuts crosscut, rip, miters for general use.
	48-40-1700	48	7	5/8	
	48-40-1725	60	7-1/4	5/8♦	
	48-40-1800	48	8	5/8♦	
COMBINATION/ RIP	48-40-1655■	44	6-1/2	5/8♦	Most popular all-purpose blade — smooth, fast cutting in frame work, etc. — cut-off, ripping, mitering.
	48-40-1710	44	7	5/8	
	48-40-1740■	44	7-1/4	5/8♦	
	48-40-1763	44	7-1/2	5/8♦	
	48-40-1820	44	8	5/8♦	
	48-40-1825	44	8-1/4	5/8	
	48-40-1835	36	10-1/4	3/4	
CROSSCUT/ FLOORING	48-40-5655	100	6-1/2	5/8♦	Cuts hardwoods, flooring and crating fast. Close-set teeth produce smooth-finish and hold edge longer when encountering nails.
	48-40-5725	100	7	5/8	
	48-40-5755	100	7-1/4	5/8♦	
	48-40-5805	100	8	5/8♦	
PLYWOOD/ PANELING	48-40-4655	150	6-1/2	5/8♦	For plywood, wallboard, masonite, light gauge non-ferrous metals, thin plastics. Fine teeth prevent tearing; holds sawdust to minimum.
	48-40-4658	200	7	5/8	
	48-40-4720	200	7-1/4	5/8♦	
	48-40-4800	200	8	5/8♦	
PLANERS — HOLLOW GROUND	48-40-7656	48	6-1/2	5/8♦	Makes satin-smooth finish cuts on all solid woods. Crosscuts, rips, miters — a professional quality blade for use in cabinet work, furniture, etc.
	48-40-7661	48	7	5/8	
	48-40-7725	60	7-1/4	5/8♦	
	48-40-7800	48	8	5/8♦	

♦ 5/8" arbor hole with knockout for diamond arbor.

■ **See Your MILWAUKEE DISTRIBUTOR for Prices on Bulk Packaged Combination Blades**

SAW BLADE DISPLAY PACKAGING

Blade type printed clearly on saw blade for fast selection.

Complete Blade Selection, Mounting Instructions and Saw Use Information printed on back of package.

HEAVY-DUTY CIRCULAR SAW BLADES

CHROME NICKEL STEEL — PRECISION FILED AND SET

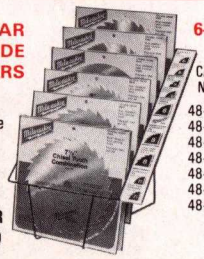
SAW BLADE	CATALOG NUMBER	NUMBER OF TEETH	BLADE DIA. INCHES	ARBOR HOLE INCHES	RECOMMENDATIONS FOR SAWING
THIN RIM PLYWOOD/ PANELING	48-40-4650	150	6-1/2	5/8 ◆	Finest blade for satin-smooth finish on plywood, veneers, laminates, Plexiglass and other thin materials. Use for crosscutting and mitering on cabinet and finish work.
	48-40-4700	200	7	5/8	
	48-40-4725	200	7-1/4	5/8 ◆	
	48-40-4810	200	8	5/8 ◆	
METAL CUTTING	48-40-6658	80	6-1/2	5/8 ◆	Hollow ground for cutting metals such as aluminum, magnesium, copper and brass.
	48-40-6661	70	7	5/8	
CARBIDE TIPPED	48-40-3650	12	6-1/2	5/8	For wood, Transite, Masonite, asbestos, Formica, composition siding, roofing. Chrome plated. Stays sharp up to 50% longer than steel-tipped blades.
	48-40-3700	12	7	5/8	
	48-40-3750	12	7-1/2	Diamond	
	48-40-3820	14	8-1/4	5/8	
CARBIDE TIPPED	48-40-3660	20	6-1/2	5/8 ◆	An inexpensive disposable blade available in 20, 24, 30 and 36 teeth. Carbide teeth are electronically fused to blade for a strong bond. Designed for use by the contractor for wood, Transite, Masonite, asbestos, Formica, siding and roofing.
	48-40-3680	24	7	5/8 ◆	
	48-40-3725	24	7-1/4	5/8 ◆	
	48-40-3825	24	8-1/4	5/8 ◆	
	48-40-3830	30	9	5/8	
	48-40-3840	36	10	▲	
	FOR STONE OR CONCRETE				
ABRASIVE CUTTING WHEELS	49-92-3220		6	5/8	For cutting stone or concrete. Safety reinforced nylon...bonded of uniform grit and break resistant.
	49-92-4310		7	5/8	
	49-92-4370		7-1/4	Diamond	
	49-92-5000		8	5/8	
	49-92-5005		8	Diamond	
	49-92-5410		10	3/4	
	FOR METAL				
ABRASIVE CUTTING WHEELS	49-92-3020		6	5/8	For cutting metal. Safety reinforced nylon...bonded of uniform grit and break resistant.
	49-92-4300		7	5/8	
	49-92-4380		7-1/4	Diamond	
	49-92-5010		8	5/8	
	49-92-5015		8	Diamond	
	49-92-5400		10	3/4	

◆ 5/8" arbor hole with knockout for diamond arbor.

▲ 5/8" arbor hole with 3/4" knockout.

CIRCULAR SAW BLADE MERCHANDISERS

- **COMPACT**
  Uses less than one square foot of counter space
- **EFFICIENT**
  Holds up to 60 blades
- **FOR COUNTERTOP OR HANG FROM PEGBOARD**



6-1/2" Blade Merchandiser
NO. 49-22-1190

CATALOG NUMBER	NO. OF BLADES	DESCRIPTION
48-40-1650	3	MASTER COMB.
48-40-1653	3	CHISEL TOOTH
48-40-1655	3	COMB./RIP
48-40-4650	1	THIN PLY/PANEL
48-40-4655	3	PLYWOOD/PANEL
48-40-5655	3	X-CUT/FLOORING
48-40-7656	1	PLANER

7-1/4" Blade Merchandiser
NO. 49-22-1200

CATALOG NUMBER	NO. OF BLADES	DESCRIPTION
48-40-1725	3	MASTER COMB.
48-40-1740	3	COMB./RIP
48-40-1752	3	CHISEL TOOTH
48-40-4720	3	PLYWOOD/PANEL
48-40-4725	1	THIN PLY/PANEL
48-40-5755	3	X-CUT/FLOORING
48-40-7725	1	PLANER

Assorted Blade Merchandiser
NO. 49-22-1210

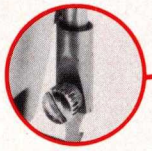
CATALOG NUMBER	NO. OF BLADES	DESCRIPTION
48-40-1760	2	7-1/2" CHISEL
48-40-1763	2	7-1/2" COMB./RIP
48-40-1812	2	8" CHISEL
48-40-1820	2	8" COMB./RIP
48-40-1822	2	8-1/4" CHISEL
48-40-1825	2	8-1/4" COMB./RIP
48-40-4800	2	8" PLY/PANEL
48-40-4810	1	8" THIN PLY/PANEL
48-40-7800	1	8" PLANER

HEAVY-DUTY JIG SAWS

NEW 6245 SINGLE SPEED
3100 STROKES PER MIN.

FEATURES: 6245 JIG SAW

- **1" BLADE STROKE**
- **DOUBLE INSULATED**
- **POWERFUL MILWAUKEE BUILT MOTOR**
- **ADJUSTABLE BLADE ROLLER GUIDE**
  For different blade widths, improved cutting and less blade breakage.
- **EXCLUSIVE BLADE CLAMP**
  Screwdriver eliminates need for hex wrench.



STEEL CARRYING CASE
(When purchased separately)
NO. 48-55-1076

TYPE "G" GREASE
NO. 49-08-4140
1 Lb. Can

SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	STROKES PER MIN.	LGTH. (INS.)	W. (INS.)	HT. (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
SINGLE SPEED JIG SAW								
NEW **6245**	120 AC/DC	3.8	3100	9-15/16	3-1/2	5-1/16	4-3/4	5-3/4

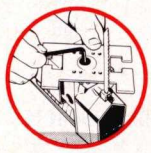
STANDARD EQUIPMENT: Includes Jig Saw Blade Card No. 49-22-1166 for wood and metal — a total of 6 blades as listed on page 68. Optional Rip Fence Kit No. 49-22-4090 available.

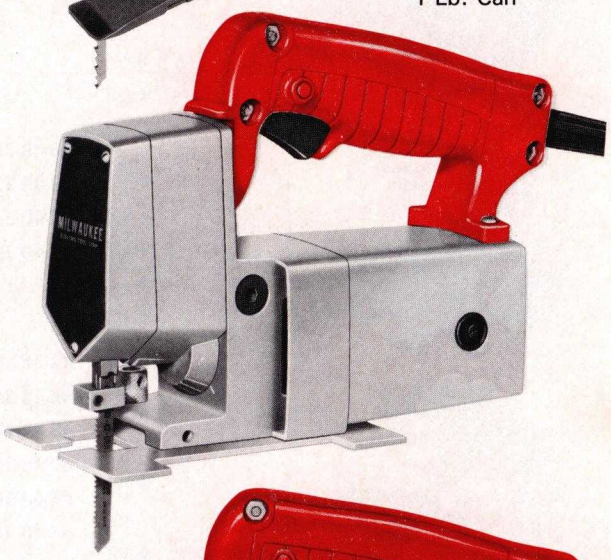
6272 SINGLE SPEED
3900 STROKES PER MIN.

6287 VARIABLE SPEED
WITH TRIGGER SPEED CONTROL
0-3900 STROKES PER MIN.

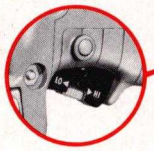
FEATURES: 6252 AND 6282 JIG SAWS

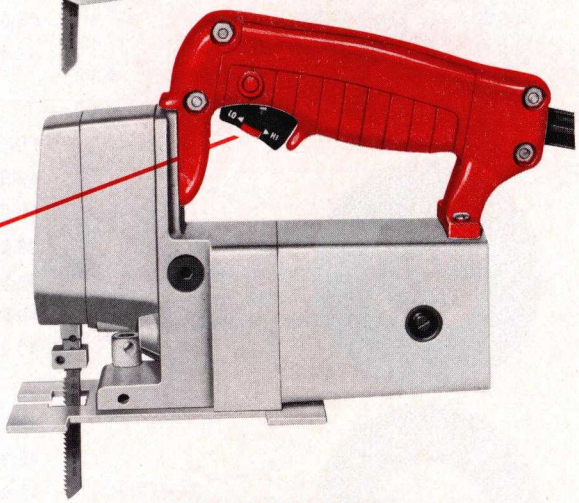
- **3/4" BLADE STROKE**
- **SAWDUST BLOWER KEEPS CUTTING LINES FREE**
- **POWERFUL HEAVY-DUTY MOTOR**
- **PIVOTING HEAD**
  Cutting head is adjustable — right or left — to full 45° angle ...calibrated settings.
- **TURN AND LOCK SHOE**
  Shoe quickly adjusts for straight, miter or flush cuts... adaptable for every sawing application.





TRIGGER SPEED CONTROL (NOS. 6282 and 6287 ONLY)
Simply depress trigger for various speeds from 0 to 3900 strokes per min. For selecting a preset speed between 0 and 3900 adjust knurled button in trigger switch and depress trigger. Lock button provided on all models.





TYPE "A" GREASE
NO. 49-08-0500 1/2 Lb. Can
NO. 49-08-0800 1 Lb. Can

STEEL CARRYING CASE
(When purchased separately)
NO. 48-55-1075

SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	STROKES PER MIN.	LGTH. (INS.)	W. (INS.)	HT. (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
SINGLE SPEED JIG SAW								
6272 With Case	120 AC	2.3	3900	8-1/2"	3-1/2"	6-1/2"	5	14-1/2
6252 Less Case	120 AC	2.3	3900	8-1/2"	3-1/2"	6-1/2"	5	8
VARIABLE SPEED JIG SAW								
6287 With Case	120 AC ONLY	2.3	0-3900	8-1/2"	3-1/2"	6-1/2"	5	14-1/2
6282 Less Case	120 AC ONLY	2.3	0-3900	8-1/2"	3-1/2"	6-1/2"	5	8

STANDARD EQUIPMENT: Includes Jig Saw Blade Card No. 49-22-1166 for wood and metal — a total of 6 blades as listed on page 68. Also included are a combination circle and rip guide, two socket wrenches, an extra blade clamp screw and one No. 48-66-4080 key holder.

WRENCH AND SCREW KITS

NO. 49-22-5070 For Jig Saws serial no. 281-11240 (single speed) and above and serial no. 334-1415 (variable speed) and above. Consists of five No. 49-96-0050 3/32" Socket Wrenches for blade clamp, five No. 49-96-0080 3/16" Socket Wrenches for pivoting head and shoe adjustments. Also twenty blade clamp screws No. 06-83-2430.

NO. 49-22-5060 For Jig Saws below serial no. 281-11240 (single speed) and serial no. 334-1415 (variable speed). Consists of five No. 49-96-0060 1/8" Socket Wrenches for blade clamp, five No. 49-96-0080 3/16" Socket Wrenches for pivoting head and shoe adjustments. Also twenty blade clamp screws No. 06-75-1985.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY JIG SAW BLADES

JIG SAW BLADES CONTINUED PAGE 68

1/4" UNIVERSAL TANG FITS MOST BRANDS OF JIG SAWS

NEW *SUPER-TOUGH*™ BI-METAL BLADES

- ***CUT FASTER, CUT STRAIGHTER, LAST MANY TIMES LONGER THAN ORDINARY HIGH SPEED STEEL***
- ***BI-METAL CONSTRUCTION: Extra sharp high speed steel teeth welded to alloy back for longer life, fewer changes***

CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	QTY. PER PKG.	TYPE OF CUT AND USAGE RECOMMENDATIONS
METAL CUTTING—WAVY SET TAPERED					
48-42-2190	3-5/8	5/16	12	5	Irregular sections in pipe, angle iron, tubing, fiberglass and structural forms.
48-42-2120	2-3/4	5/16	18	5	Metals 18 gauge to 10 gauge, thick conduit, channels, metal tubings and plastics.
48-42-2160	2-3/4	5/16	21	5	Metals thickness from 18 gauge to 1/8", thinner tubing, slate and formica.
NEW *EXTRA LENGTH BLADES* (4-1/8")					
WOOD CUTTING—ALTERNATE SET—GENERAL PURPOSE					
48-42-2300	4-1/8	5/16	6	5	Fast cutting in medium to heavy sections in wood, plywood, etc.
48-42-2310	4-1/8	5/16	10	5	Finer cutting for medium to heavy sections in wood, plastic and composition materials.

CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	QTY. PER PKG.	TYPE OF CUT AND USAGE RECOMMENDATIONS
METAL CUTTING—HIGH SPEED STEEL					
48-42-0100♦	2-3/4	5/16	12	5	Steel to 1/8", non-ferrous metals to 1/4", plastics, fiberglass, rigid conduit, hard rubber and fiber.
48-42-0101♦	2-3/4	5/16	12	5	Steel to 1/8", non-ferrous metals to 1/4", plastics, fiberglass, rigid conduit, hard rubber and fiber. 25% thicker for most severe applications.
48-42-0120♦	2-3/4	5/16	18	5	Metals 18 gauge to 10 gauge, tubing and plastics.
48-42-0140♦	2-3/4	5/16	21	5	Metals lighter than 18 gauge, thin wall tubing, slate and formica.
WOOD CUTTING—GENERAL PURPOSE DELUXE—ALTERNATE SET GROUND—HIGH SPEED STEEL					
48-42-0420	3-5/8	5/16	6	4	Fast cutting in medium to heavy sections in wood, plywood, etc.
WOOD CUTTING—GENERAL PURPOSE—ALTERNATE SET—HIGH CARBON STEEL					
48-42-0200♦	3-1/8	5/16	6	5	Forward angled for fast aggressive cutting in medium to heavy sections in wood, plywood, etc. Not recommended for Jig Saw No. 6245.
48-42-0220♦	3-1/8	5/16	8	5	Forward angled for smoother aggressive cutting in medium to heavy sections in wood, plywood, etc. Not recommended for Jig Saw No. 6245.
48-42-0240♦	3-1/8	1/4	8	5	Finer cutting in light to medium sections in wood, plywood, formica, plastic and composition materials. Use 1/4" width for tighter scroll work.

♦See your MILWAUKEE DISTRIBUTOR for prices on bulk packed jig saw blades.

JIG SAW BLADE MERCHANDISER

NO. 49-22-1067

Attractive red, white and black header sign on a sturdy red metal frame. 24 product hooks will hold over 100 packages of MILWAUKEE Jig Saw Blades. Complete with 54 packages of blades below.

CATALOG NUMBER	NO. OF PKGS.	CATALOG NUMBER	NO. OF PKGS.	CATALOG NUMBER	NO. OF PKGS.
48-42-0100	4	48-42-0400	2	48-42-0640	2
48-42-0101	4	48-42-0420	2	48-42-0650	2
48-42-0120	4	48-42-0500	2	48-42-0700	1
48-42-0140	4	48-42-0520	2	48-42-0800	1
48-42-0200	3	48-42-0540	2	48-42-0810	1
48-42-0220	3	48-42-0560	2	48-42-0850	2
48-42-0240	3	48-42-0600	2	48-42-0860	2
48-42-0300	2	48-42-0620	2		

NEW JIG SAW BLADE CARD

NO. 49-22-1166

Same as furnished with each jig saw. Consists of one each of Nos. 48-42-(0120, 2190) for metal, No. 48-42-0650 for wood and Nos. 48-42-(0815,0835, 2300) extra long 4-1/8" for wood — a total of six blades.

HEAVY-DUTY JIG SAW BLADES

JIG SAW BLADE LISTING BEGINS ON PAGE 67

1/4" UNIVERSAL TANG FITS MOST BRANDS OF JIG SAWS

NEW *EXTRA LENGTH BLADES* (4-1/8")

CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	QTY. PER PKG.	TYPE OF CUT AND USAGE RECOMMENDATIONS
WOOD CUTTING—GENERAL PURPOSE—DELUXE ALTERNATE SET GROUND—HIGH CARBON STEEL					
48-42-0815	4-1/8	5/16	6	4	Fast cutting in medium to heavy sections in wood, plywood, etc.
WOOD CUTTING—DELUXE TAPER GROUND—HIGH CARBON STEEL					
48-42-0825	4-1/8	3/8	6	4	Fast, smooth cutting for medium to heavy sections in wood, plywood, and composition materials. Use 1/4" width for tighter scroll work.
48-42-0820	4-1/8	5/16	6	5	
48-42-0840	4-1/8	1/4	6	5	
WOOD CUTTING—EXTRA FINE DELUXE TAPER GROUND—HIGH CARBON STEEL					
48-42-0835	4-1/8	3/8	10	4	Extra fine cutting for medium to heavy sections in wood, plastics, composition materials, etc. Especially recommended for plywood. Use 1/4" width for tighter scroll work.
48-42-0830	4-1/8	5/16	10	5	
48-42-0845	4-1/8	1/4	10	5	

CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	QTY. PER PKG.	TYPE OF CUT AND USAGE RECOMMENDATIONS
WOOD CUTTING—DELUXE TAPER GROUND—HIGH SPEED STEEL					
48-42-0520♦	3-5/8	3/8	6	4	Fast and finer cutting for medium to heavy sections in wood, plywood and composition materials. Use 1/4" width for tighter scroll work.
48-42-0500♦	3-5/8	5/16	6	5	
48-42-0600	3-5/8	1/4	6	5	
WOOD CUTTING—EXTRA FINE DELUXE TAPER GROUND—HIGH SPEED STEEL					
48-42-0560♦	3-5/8	3/8	10	4	Extra fine cutting in medium to heavy sections in wood, plastics, composition materials, etc. Especially recommended for plywood. Use 1/4" width for tighter scroll work.
48-42-0540♦	3-5/8	5/16	10	5	
48-42-0620	3-5/8	1/4	10	5	
WOOD CUTTING—ALTERNATE SET SKIP TOOTH—ABRASIVE MATERIALS—HIGH SPEED STEEL					
48-42-0850	3-5/8	5/16	8	5	Skip tooth provides extra chip clearance for cutting in fiberglass, tough abrasive materials, non-ferrous metals, synthetics, and plaster board. Use 1/4" width for tighter scroll work.
48-42-0860	3-5/8	1/4	8	5	
WOOD CUTTING—DELUXE TAPER GROUND—HIGH CARBON STEEL					
48-42-0640♦	3-1/8	1/4	12	5	Reverse tooth for smooth finish on top surface. Saws plywood, formica, veneer, plastics, etc. Use 1/4" width for tighter scroll work.
WOOD CUTTING—SPECIAL FLUSH CUTTING—HIGH CARBON STEEL					
48-42-0300	3-5/8	STEP BLADE	8	4	General purpose for cutting heavier sections, saws up to a wall. Not recommended for Jig Saw No. 6245.
WOOD CUTTING—DELUXE ALTERNATE SET—HIGH SPEED STEEL					
48-42-0400	3-1/8	5/16	6	5	Forward angled for fast aggressive cutting in medium to heavy sections in wood, plywood, etc. Not recommended for Jig Saw No. 6245.
WOOD CUTTING—DELUXE WAVY SET TAPER GROUND—HIGH CARBON STEEL					
48-42-0650	2-3/4	5/32	12	5	Special wavy set extra thin for tight smooth scroll work. Not recommended for Jig Saw No. 6245.
KNIFE CUTTING—HIGH CARBON STEEL					
48-42-0700	2-1/2	KNIFE	0	5	Cuts insulating material, leather, rubber, cardboard, sponge, felt, etc.
ABRASIVE MATERIALS—MEDIUM GRIT TUNGSTEN CARBIDE					
48-42-0800	2-7/8	3/8	0	4	Cuts plywood, hardwood veneer, fiberglass, (polyester, epoxies, melamines, etc.) ceramic tile, cast stone, slate, clay pipe, carbon, brick and chalkboard.
48-42-0810	4	STEP BLADE	0	4	Same as above. Blade cuts flush to the wall. Not recommended for Jig Saw No. 6245.

♦See your MILWAUKEE DISTRIBUTOR for prices on bulk packed jig saw blades.

HEAVY-DUTY ORBITAL SANDERS

EXCLUSIVE DUST PICK UP KIT AVAILABLE FOR MODEL 6014

TWO MODELS

NEW 6012 *Use 1/3 of Standard 9" x 11" Sandpaper*

NEW 6014 *Use 1/2 of Standard 9" x 11" Sandpaper*

DUST PICK UP KIT NO. 48-09-0300
(ONLY FOR USE WITH 6014 SANDER)

- 12,000 ORBITS/MIN—FOR FAST REMOVAL—BLEMISH FREE SURFACES
- FOR CONTINUOUS PRODUCTION USE
- BALL BEARINGS
- DESIGNED FOR 1 OR 2 HAND CONTROL
- THUMB SLIDE SWITCH
- STRONG, DURABLE 40% GLASS REINFORCED NYLON HOUSING AND HANDLES
- SPECIALLY ENGINEERED AND PRECISION MACHINED FOR LOW VIBRATION
- AMPLE RESERVE POWER FOR HEAVY SANDING

FLUSH SANDING ON 3 SIDES

SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	DESCRIPTION	ORBITS PER MINUTE NO LOAD	DIAMETER OF ORBIT (INCHES)	LENGTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
NEW 6012	120	5	W/Felt Pad 3-5/8" x 7-3/8"	12,000	1/8	10-1/2	3-5/8	7	6	7
NEW 6014	120	5	W/Felt Pad 4-1/2" x 9-1/4"	12,000	1/8	11-1/2	4-1/2	7	7	8

STEEL CARRYING CASE
Available for both models
NO. 48-55-0740

DUST PICK UP KIT
NO. 48-09-0300
(ONLY FOR USE WITH NO. 6014 SANDER)

FAST

1. TAKE NO. 6014 SANDER
2. SNAP ON DUST PICK UP KIT
3. READY FOR SANDING IN 10 SECONDS!

ILLUSTRATED: NO. 6014 SANDER WITH DUST PICK UP KIT ATTACHED

ACCESSORY
RUBBER BACKING PAD KIT
NO. 49-22-0050
(3-5/8" × 7-3/8") Fits No. 6012 only.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY BELT SANDERS

EXCLUSIVE FAST CONVERSION TO DUST COLLECTION SYSTEM

2 MODELS

4" MODEL SANDS FLUSH

5900 3" × 24"

5910 4" × 24"

DUST PICK-UP KITS

NO. 48-09-0100 FOR USE WITH 5900 SANDER
NO. 48-09-0200 FOR USE WITH 5910 SANDER

- BELT DRIVE MINIMIZES GEAR MAINTENANCE
- EASY TO CHANGE BELT • NO OIL
- SIMPLE POSITIVE ADJUSTMENT OF TRACKING
- POSITIVE BRUSH STOP...PREVENTS SPRING FROM DAMAGING COMMUTATOR
- HEAVY-DUTY WEAR PLATE FOR LONG LIFE
- EASY ACCESS TO SWITCH AND LOCK BUTTON

SPECIFICATIONS

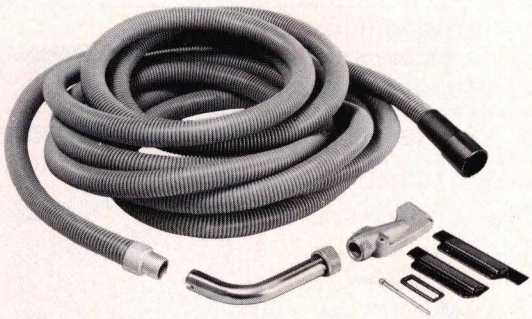
CATALOG NUMBER	BELT SPEED S FPM	BELT SIZE	VOLTS	AMPS	NET WGT. LBS.	SHP. WGT. LBS.
5900	1700	3"	120	9.5	15-3/4	19
5910	1700	4"	120	9.5	16	19

STANDARD EQUIPMENT: Nos. 5900 and 5910 are furnished with (1) 120 grit sanding belt.

VACUUM HOSE KIT

NO. 48-09-0210 FOR USE WITH EITHER SANDER

Kit consists of 30' hose; 49-90-1760, with 1-1/2" cuff for easy attachment to any MILWAUKEE Vacuum Cleaner, rear motor housing cover, gasket, bolt, tube assembly, 3" and 4" vacuum heel.



SEE PAGES 38 and 39 FOR MILWAUKEE VACUUM CLEANERS

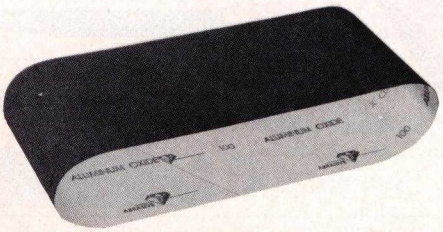
DUST PICK-UP KITS

NO. 48-09-0100 FOR USE WITH 5900 SANDER
NO. 48-09-0200 FOR USE WITH 5910 SANDER

Both kits consist of vacuum bag, rear motor housing cover, bolt, vacuum heel and gasket. Be sure to order proper kit for 3" or 4" model.

NOTE: VACUUM BAG KIT IS MILWAUKEE EXCLUSIVE...PERMITS USING THE SANDER WITH OR WITHOUT VACUUM BAG. CONVERTS IN MINUTES.

SANDING BELTS FOR BELT SANDERS



CATALOG NUMBER	SIZE	BELTS PER PKG.	GRIT	TYPE	USE
49-37-3036 **49-37-4036**	3 × 24 4 × 24	10 10	36 36	**COARSE**	For fast sanding of wood and non-ferrous material.
49-37-3060 **49-37-4060**	3 × 24 4 × 24	10 10	60 60	**MEDIUM**	For general smoothness of wood or metal
49-37-3120 **49-37-4120**	3 × 24 4 × 24	10 10	120 120	**FINE**	For finish work on wood or metal.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ROUTERS

POWERFUL, LIGHTWEIGHT, FOR EXTRA HEAVY-DUTY JOBS
3 MODELS

1.00 HP 8 AMPS 1.50 HP 10 AMPS 2.00 HP 12 AMPS

- **FUNCTIONAL TRIGGER-HANDLE GROUPING**
- **OUT-OF-WAY ELECTRIC CORD**
- **FLAT TOP FOR STEADY POSITIONING**
  For changing bits, removing base or measuring bit for depth of cut.

CATALOG NUMBER	VOLTS AC	AMPS	MAXIMUM TOOL POWER OUTPUT H.P.	NO LOAD SPEED RPM	COLLET CAPACITY	SUB BASE DIA.	OVER-ALL HGT.	NET WGT. LBS.	SHP. WGT. LBS.
5620	120	8	1.00	23,000	1/4"-3/8"	6"	8"	8	10
5660★	120	10	1.50	24,500	1/4"-3/8"-1/2"	6"	8"	8-1/2	11
5680	120	12	2.00	26,000	1/4"-3/8"-1/2"	6"	8"	8-3/4	11-1/4

★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet.

STANDARD EQUIPMENT

1.00 H.P. ROUTER model 5620 includes a 1/4" collet (No. 48-66-0980), a 7/8" open end wrench (No. 49-96-4070), a 1" open end wrench (No. 49-96-4075) and router base (No. 48-10-0070).

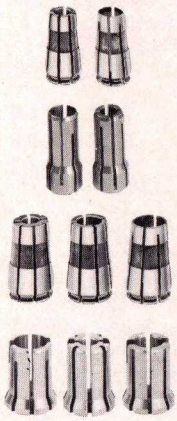
1.50 H.P. ROUTER model 5660 includes a 1/4" collet (No. 48-66-0985), a 7/8" open end wrench (No. 49-96-4070), a 1-1/4" open end wrench (No. 49-96-4100) and router base (No. 48-10-0070).

2.00 H.P. ROUTER model 5680 includes a 1/2" collet (No. 48-66-1010), 7/8" open end wrench (No. 49-96-4070), a 1-1/4" open end wrench (No. 49-96-4100) and router base (No. 48-10-0070).

- **ACCURATE SIMPLE DEPTH ADJUSTMENT**
  Adjusting ring, marked in 1/64" graduations, permits friction-free operation with locking device to maintain depth-of-cut.

- **HEAVY-DUTY SUB BASE**
  With large openings for maximum visibility.

COLLETS FOR MILWAUKEE ROUTERS



1.00 H.P. MODEL

NO. 48-66-0980* 1/4" COLLET
NO. 48-66-0990* 3/8" COLLET
* For 1.00 H.P. Model with serial no. above 451-12247

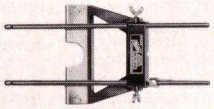
NO. 48-66-0930 1/4" COLLET
NO. 48-66-0940 3/8" COLLET

1.50 and 2.00 H.P. MODEL

NO. 48-66-0985* 1/4" COLLET
NO. 48-66-1000* 3/8" COLLET
NO. 48-66-1010* 1/2" COLLET
* For 1.50 H.P. Model with serial no. above 452-19550 and 2.00 H.P. Model with serial no. above 608-2566

NO. 48-66-0945 1/4" COLLET
NO. 48-66-0950 3/8" COLLET
NO. 48-66-0955 1/2" COLLET

STEEL CARRYING CASE



ROUTER GUIDE

STEEL CARRYING CASE FOR MILWAUKEE ROUTERS
NO. 48-55-0810

ROUTER GUIDE **NO. 49-54-0200**
For straight cuts. Includes Trammel Point Assembly.

TRAMMEL POINT ASSEMBLY **NO. 49-54-0210**
For cutting circles.

VENEER TRIM KIT **NO. 49-54-0300**
For cutting hard plastic laminates. Comes complete with base, mounting screws, combination straight and bevel trim bit and extra nylon guide.

MOTORS ONLY

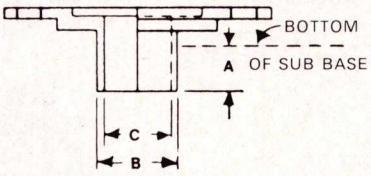
NO. 5610 Motor for 1.00 H.P. Unit
NO. 5650 ★ Motor for 1.50 H.P. Unit
Motor includes 2 wrenches, 1/4" collet, adjusting ring and power cord.
★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet.
NO. 5670 Motor for 2.00 H.P. Unit
Motor includes 2 wrenches, 1/2" collet, adjusting ring and power cord.

MOTOR

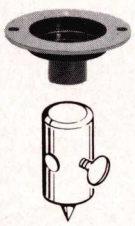
BASE ASSEMBLY ONLY **NO. 48-10-0070** For 1.00, 1.50 and 2.00 H.P. units. Base includes 2 handles, sub base and wing lock nut.

BASE ASSEMBLY

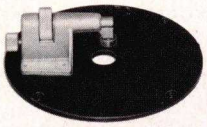
GENERAL TEMPLATE GUIDES AND HINGE BUTT GUIDE
For 1.00, 1.50 and 2.00 H.P. Routers (Includes 2 screws)



TEMPLATE	DIMENSIONS A	B	C	NUMBER
GENERAL	5/16	1/4	3/16	**49-54-0500**
GENERAL	3/16	3/8	5/16	**49-54-0510**
GENERAL	5/16	7/16	3/8	**49-54-0520**
GENERAL	3/16	5/8	9/16	**49-54-0530**
HINGE BUTT	7/16	5/8	9/16	**49-54-0550**



TRAMMEL POINT ASSEMBLY



VENEER TRIM KIT

DOOR AND JAMB BUTT TEMPLATE KIT

DOOR AND JAMB BUTT TEMPLATE KIT **NO. 49-54-0100**
Includes carrying case, template, link rail assemblies, template nails and end gauges. Will mortise any 6' 6", 6' 8" or 7' door and any hinge size 2-1/2" to 5-1/2". Kit includes detailed instructions for proper use. Additional template nails (12 per package) are available (No. 49-54-0600). Order hinge butt template guide (No. 49-54-0550) separately.

CARRYING CASE ONLY FOR DOOR AND JAMB BUTT KIT **NO. 48-55-0800**

OPEN END WRENCHES (See Standard Equipment)
7/8" OPEN END WRENCH NO. 49-96-4070
1" OPEN END WRENCH NO. 49-96-4075
1-1/8" OPEN END WRENCH NO. 49-96-4080
1-1/4" OPEN END WRENCH NO. 49-96-4100

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

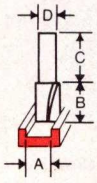
HEAVY-DUTY ROUTER BITS

HIGHEST QUALITY FOR BEST PERFORMANCE AND LONG LIFE

MILWAUKEE ROUTER BITS are a select line, made from high-speed steel, carbide tipped and solid carbide steel. Each bit has been carefully evaluated and approved for routing applications with MILWAUKEE routers. Double-ground edges, consistent matching contours, high speed geometry and critical hardness control all add up to maximum accuracy and economy.

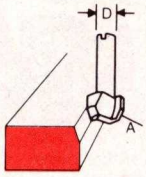
STRAIGHT BITS—TWO FLUTES

For all general purpose routing (rabbeting, grooving, dadoing, etc.). Smooth finish cuts. Use long shank bits where nature of cut requires longer shank extension.



CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
HIGH SPEED STEEL				
48-23-0050	1/4	5/8	1	1/4
48-23-0060	5/16	3/4	1-1/4	1/4
48-23-0070	3/8	3/4	1	1/4
48-23-0080	1/2	3/4	1	1/4
48-23-0085	9/16	1	1-1/4	1/4
48-23-0090	5/8	5/8	1	1/4
48-23-0100	3/4	5/8	1	1/4
CARBIDE TIPPED				
48-23-5055	1/4	5/8	1	1/4
48-23-5056	1/4	7/8	1-1/4	1/4
48-23-5065	5/16	7/8	1-1/4	1/4
48-23-5070	3/8	1	1-1/2	1/4
48-23-5080	1/2	1	1-1/2	1/4
48-23-5141	1/2	1-1/4	1-3/8	1/2
48-23-5142	1/2	2	1-7/8	1/2
48-23-5090	5/8	3/4	1-1/4	1/4
48-23-5100	3/4	3/4	1-1/4	1/4
48-23-5150	3/4	3/4	1-3/8	1/2

COMBINATION STRAIGHT AND 22° BEVEL TRIM BIT

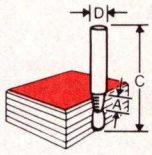


Combines 22° bevel trim and flush trim cuts in one bit.

CARBIDE TIPPED

CATALOG NUMBER	A DEGREES	D IN
48-23-6715	22	1/4

7-1/2° BEVEL TRIMMER

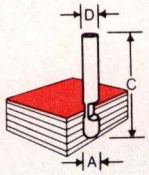


With pilot. For finish trim edge on plastic laminate doors, tables and furniture.

SOLID CARBIDE

CATALOG NUMBER	A DEGREES	C IN.	D IN.
48-23-5195	7-1/2	1-5/8	1/4

FLUSH TRIM BIT

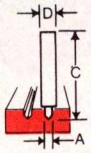


With pilot. Produces square, flush edge on plastic laminates.

SOLID CARBIDE

CATALOG NUMBER	A IN.	C IN.	D IN.
48-23-5235	1/4	1-5/8	1/4

PROVINCIAL DESIGN VEINER BITS

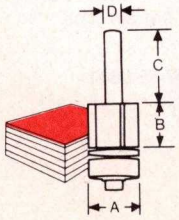


Most practical for veining designs on panels, cabinet doors and furniture.

SOLID CARBIDE

CATALOG NUMBER	A IN.	C IN.	D IN.
48-23-5295	1/8	1-1/2	1/4
48-23-5300	3/16	1-1/2	1/4

HELIX LAMINATE TRIMMERS



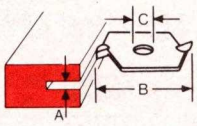
Designed to force the laminate against backing for chip free cuts—eliminates surface flake out. Replaceable ball bearing pilot.

CARBIDE TIPPED

CATALOG NUMBER	TYPE OF CUT	A IN.	B IN.	C IN.	D IN.
48-23-6700	Flush	3/4 *	5/8	1	1/4
48-23-6710	15°	3/4 *	3/8	1	1/4

* Replaceable Bearing 49-54-1050.

TWO WING SLOTTING CUTTERS



Used for slotting plywoods and core boards for "T" moldings.

CARBIDE TIPPED

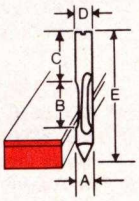
CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-8000	1/16	1-7/8	5/16
48-23-8020	3/32	1-7/8	5/16
48-23-8030	1/4	1-7/8	5/16

Stiffening Collars included with Slotting Cutters—two each for 1/16" and 3/32" and one for 1/4".

NOTE: USE ABOVE WITH SLOTTING CUTTER ARBOR NO. 48-23-8050

Includes 1/4" shank Slotting Cutter Arbor, Nut Washer and Bearing. Replacement Arbor Bearing No. 49-54-1080.

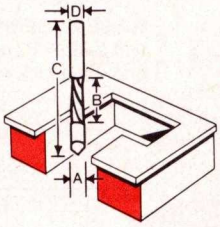
COMBINATION PILOT PANEL BITS WITH DRILL POINTS—SINGLE FLUTE



For trimming veneer and for template panel routing.

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.
HIGH SPEED STEEL					
48-23-1010	1/4	3/4	1	1/4	2-5/8
48-23-1015	3/8	7/8	1	3/8	3
CARBIDE TIPPED					
48-23-6000	1/4	3/4	1-1/4	1/4	2-5/8
48-23-6020	3/8	7/8	1-1/4	3/8	2-7/8

DOWN SPIRAL PILOT PANEL BITS WITH DRILL POINTS



For cutting aluminum sheet, plywood, wall panels, insulation sheeting and other synthetic materials.

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
HIGH SPEED STEEL				
48-23-1020	1/4	3/4	2-5/8	1/4
48-23-1025	3/8	7/8	3-1/2	3/8
48-23-1030	1/2	1-3/4	4-1/2	1/2

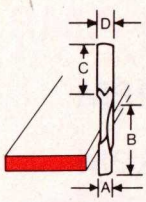
ROUTER BIT MERCHANDISER
NO. 49-22-0100

Attractive red, white and black header sign on a sturdy metal frame. 24 product hooks will hold over 100 packages of MILWAUKEE Router Bits. Complete with 24 packages of bits as listed below.

CATALOG NUMBER	DESCRIPTION
48-23-0050	1/4 IN. TWO FLUTES STRAIGHT BIT—High Speed Steel
48-23-0070	3/8 IN. TWO FLUTES STRAIGHT BIT—High Speed Steel
48-23-0080	1/2 IN. TWO FLUTES STRAIGHT BIT—High Speed Steel
48-23-0100	3/4 IN. TWO FLUTES STRAIGHT BIT—High Speed Steel
48-23-0220	1/2 IN. TWO FLUTES CORE BOX BIT—High Speed Steel
48-23-0320	3/8 IN. TWO FLUTES COVE BIT—High Speed Steel
48-23-0430	3/8 IN. CORNER ROUNDING BIT—High Speed Steel
48-23-0520	1/4 IN. TWO FLUTES BEADING BIT—High Speed Steel
48-23-0600	3/8 IN. V-GROOVING BIT—High Speed Steel
48-23-0810	1/4 IN. ROMAN OGEE BIT—High Speed Steel
48-23-0910	9/32 IN. OGEE BIT—High Speed Steel
48-23-1010	1/4 IN. COMBINATION PILOT PANEL BIT—High Speed Steel
48-23-1020	1/4 IN. DOWN SPIRAL PILOT PANEL BIT—High Speed Steel
48-23-1120	1/2 IN. HINGE MORTISING BIT—High Speed Steel
48-23-1200	1/2 IN. TWO FLUTES CHAMFERING BIT—High Speed Bit
48-23-1310	9/16 IN. DOVETAIL BIT—High Speed Steel
48-23-1410	3/8 IN. RABBETING BIT—High Speed Steel
48-23-5055	1/4 IN. TWO FLUTES STRAIGHT BIT—Carbide Tipped
48-23-5070	3/8 IN. TWO FLUTES STRAIGHT BIT—Carbide Tipped
48-23-5080	1/2 IN. TWO FLUTES STRAIGHT BIT—Carbide Tipped
48-23-5235	1/4 IN. FLUSH TRIM BIT—Solid Carbide
48-23-5295	1/8 IN. PROVINCIAL DESIGN VEINER BIT—Solid Carbide
48-23-6020	3/8 IN. COMBINATION PILOT PANEL BIT—Carbide Tipped
48-23-6100	1/2 IN. HINGE MORTISING BIT—Carbide Tipped

HEAVY-DUTY ROUTER BITS

HIGHEST QUALITY FOR BEST PERFORMANCE AND LONG LIFE

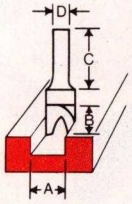


STAGGER TOOTH STRAIGHT BIT

Excellent for cut outs. This design gives the bit two flute balance with single flute cutting speed.

CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-5143	1/2	2	1-5/8	1/2



HINGE MORTISING BITS

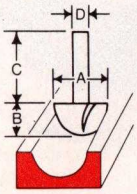
Fast cutting bit for making mortises when cut is started from edge of work.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-1100	3/8	7/16	1-1/8	1/4
48-23-1120	1/2	3/4	1-5/16	1/4

CARBIDE TIPPED

48-23-6100	1/2	3/4	1-7/32	1/4

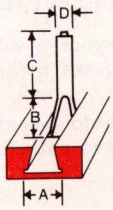


CORE BOX BITS — TWO FLUTES

Especially effective in fluting flat surfaces (mantels and facades).

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-0200	1/4	1/4	1	1/4
48-23-0210	3/8	1/4	1	1/4
48-23-0220	1/2	11/32	1	1/4
48-23-0230	5/8	3/8	1	1/4
48-23-0240	3/4	15/32	1	1/4

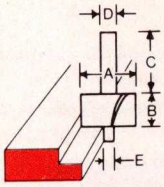


DOVETAIL BITS

For making dovetail.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-1310	9/16	17/32	1-3/32	1/4



RABBETING BITS

With pilot. For making rabbeting cuts without use of router guide. Carbide tip bit has replaceable ball bearing pilot.

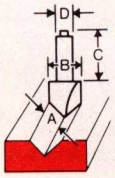
HIGH SPEED STEEL

CATALOG NUMBER	RABBET DEPTH IN.	A IN.	B IN.	C IN.	D IN.	E IN.
48-23-1400	1/4	11/16	7/16	1	1/4	3/16
48-23-1410	3/8	15/16	1/2	1	1/4	3/16

CARBIDE TIPPED

48-23-6400	3/8	1-1/4	1/2	1-1/2	1/4	*

* REPLACEMENT BALL BEARING 49-54-1060...By substituting Bearing 49-54-1070, rabbet depth can be increased to 1/2".

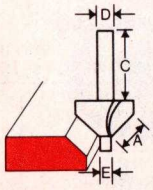


V-GROOVING BITS

Excellent for lettering and sign work.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-0600	3/8	1/2	1	1/4
48-23-0610	7/8	1-1/8	1	1/4



CHAMFERING BITS — TWO FLUTES

With pilot. For decorative edging and making concealed joints. Carbide tip bit has replaceable ball bearing pilot.

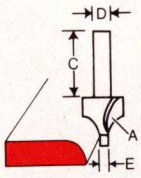
HIGH SPEED STEEL

CATALOG NUMBER	A IN.	C IN.	D IN.	E IN.
48-23-1200	1/2	1	1/4	3/16

CARBIDE TIPPED

48-23-6200	5/8	1	1/4	*

* Replaceable Bearing 49-54-1090.



CORNER ROUNDING BITS

With pilot. For decorative edging and for drop leaf table joints. Carbide tip bits have replaceable ball bearing pilot.

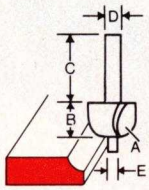
HIGH SPEED STEEL

CATALOG NUMBER	A IN. RADIUS	C IN.	D IN.	E IN.
48-23-0410	1/4	1	1/4	3/16
48-23-0430	3/8	1	1/4	3/16
48-23-0440	1/2	1	1/4	3/16

CARBIDE TIPPED

48-23-5410	1/4	1-1/8	1/4	*
48-23-5430	3/8	1-1/8	1/4	*

* Replaceable Bearing 49-54-1060...Converts to Beading Bit by substituting Bearing 49-54-1070.

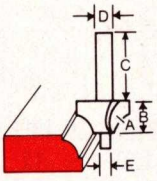


COVE BITS — TWO FLUTES

With pilot. For decorative edging and for drop leaf table joints.

HIGH SPEED STEEL

CATALOG NUMBER	A IN. RADIUS	B IN.	C IN.	D IN.	E IN.
48-23-0310	1/4	1/2	1	1/4	3/16
48-23-0320	3/8	5/8	1	1/4	3/16
48-23-0330	1/2	3/4	1	1/4	3/16



BEADING BITS — TWO FLUTES

With pilot. For decorative furniture. Pilot guides router along edge of work. Carbide tip bits have replaceable ball bearing pilot.

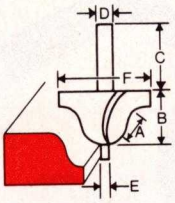
HIGH SPEED STEEL

CATALOG NUMBER	A RADIUS	B IN.	C IN.	D IN.	E IN.
48-23-0500	1/16	3/16	1	1/4	3/16
48-23-0510	1/8	3/8	1	1/4	3/16
48-23-0520	1/4	1/2	1	1/4	3/16
48-23-0530	3/8	3/4	1	1/4	3/16

CARBIDE TIPPED

48-23-5520	1/4	1/2	1-1/8	1/4	*
48-23-5530	3/8	5/8	1-1/8	1/4	*

* Replaceable Bearing 49-54-1070...Converts to Corner Rounding Bit by substituting Bearing 49-54-1060.

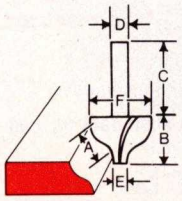


ROMAN OGEE BITS

With pilot. For decorative furniture. Pilot guides router along edge of work.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.	F IN.
48-23-0800	5/32	1/2	1	1/4	3/16	15/16
48-23-0810	1/4	3/4	1	1/4	3/16	1-3/16



OGEE BITS

For decorative cuts. Clamp straight edge or template on the work and use as a guide for the outside edge of router base.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.	F IN.
48-23-0900	3/16	5/8	1	1/4	3/16	13/16
48-23-0910	9/32	29/32	1	1/4	3/16	1-3/16

HEAVY-DUTY POLISHERS

BALANCED POWERFUL RUGGED

9" DIAMETER 12 AMP

NEW 5595 1700 RPM

- NON-CONDUCTIVE HEAVY-DUTY GLASS REINFORCED NYLON HANDLE. ALUMINUM MOTOR HOUSING

7" DIAMETERS 11 AMP

NEW 5455 1750 RPM

NEW 5535 2800 RPM

- NEW STRONG LIGHT-WEIGHT NON-CONDUCTIVE GLASS REINFORCED NYLON MOTOR HOUSING AND HANDLE

FEATURES COMMON TO 7" AND 9" POLISHERS

- URETHANE BUMPERS PROTECT GEAR CASE & HANDLE
- SMOOTH RUNNING all ball and roller bearings
- SPRING LOADED SPINDLE LOCK
- ALUMINUM GEAR CASE
- HELICAL GEARING
- SELF-STOPPING LONG LIFE BRUSH SYSTEM

NO. 5595, 9" DIA. 1700 RPM. Handles the larger diameter pads and bonnets. Especially recommended for rubbing and compounding. Standard equipment includes rubber backing pad and disc nut.

NO. 5455, 7" DIA. Lightweight polisher, 1750 RPM used with standard liquid polishes. Standard equipment includes rubber backing pad and disc nut.

NO. 5535, 7" DIA. Lightweight polisher, 2800 RPM for exclusive use with high speed liquid machine polishes. Standard equipment includes rubber backing pad and disc nut.

SPECIFICATIONS

CATALOG NUMBER	PAD DIAMETER	VOLTS AC/DC	AMPS	SPEED NO LOAD (RPM)	LENGTH (INS.) +	NET WEIGHT	SHIPPING WEIGHT
NEW 5595	9"	120	12	1700	15-1/4	12-3/4 lbs.	20 lbs.
NEW 5455	7"	120	11	1750	16-1/2	8-3/4 lbs.	15-1/2 lbs.
NEW 5535	7"	120	11	2800	16-1/2	8-3/4 lbs.	15-1/2 lbs.

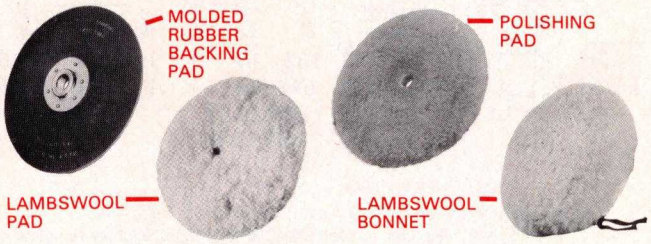
+ Over-all length of tool only — not including pad.

MILWAUKEE HEAVY-DUTY POLISHER ACCESSORIES

BONNET CLEANING TOOL

NO. 49-80-0050

Quickly fluffs, cleans, buffing pads and bonnets while pads are rotating. Removes glazed surface and loosens packed wool to prolong life. Shp. Wt. 1 lb.



CATALOG NUMBER	DESCRIPTION
49-36-2500	7" dia. Molded Rubber Backing Pad
49-36-2200	8-1/2" dia. Molded Rubber Backing Pad
49-40-0390	Disc Nut
49-08-4140	Type "G" Grease 1 lb. Can

100% WOOLEN YARN POLISHING PADS

RECOMMENDED FOR ALL TYPES OF COMPOUNDING, BLENDING AND POLISHING

CATALOG NUMBER	DESCRIPTION	DIAMETER	DEPTH OF PILE
49-36-1450	CURVED POLISHING PAD	7-1/2"	1-1/2"
49-36-1455	POLISHING PAD	7-1/2"	2" *
49-36-1600	POLISHING PAD	9"	1-1/2"

* The 2" pile height adds extra density and will outlast any woolen yarn pad on the market. It is more economical to use because of its long life.

100% WOVEN WOOL PADS AND BONNETS

RECOMMENDED FOR HIGH GLOSS FINISHING

CATALOG NUMBER	DESCRIPTION	DIAMETER	DEPTH OF PILE
49-36-0500	CURVED LAMBSWOOL PAD	7-1/2"	1"
48-48-0500	LAMBSWOOL BONNET	7"	1"
49-36-0700	LAMBSWOOL PAD	9"	1"
48-48-1000	LAMBSWOOL BONNET	9"	1"

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY
4-1/2" and 5" SANDER/GRINDERS

POWERFUL LIGHTWEIGHT COMPACT 10,000 RPM

4-1/2" DIAMETER 5 AMP
6145 10,000 RPM

5" DIAMETER 5.5 AMP
NEW 6146 10,000 RPM

- SPECIAL SLIP CLUTCH
- POWERFUL 5.5 AMP MOTOR
- 5" DISC FOR FASTER MATERIAL REMOVAL

FEATURES COMMON TO BOTH 4-1/2" AND 5" SANDER/GRINDERS■

AC-DC PADDLE SWITCH
- Non-conductive switch cover for greater operator safety
- Conveniently mounted for one hand operation

BRUSH HOUSING
- Extends brush life more than conventional units
- Easily accessible

SINGLE SCREW GUARD

REMOVABLE SIDE HANDLE
- For right or left handed operation

DOUBLE INSULATED ⧈
ALL BALL AND ROLLER BEARINGS
ALUMINUM GEAR HOUSING
MADE IN U.S.A.

■SANDER/GRINDER MAY BE CONVERTED TO A SANDER BY USING SANDER ACCESSORIES SHOWN BELOW

SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE SIZE▲	LENGTH	NET WEIGHT	SHIPPING WEIGHT
6145★●	10,000	4-1/2"	120	5.0	.50	1/2"-13	10-1/2"	4-1/2 lbs.	6-1/4 lbs.
NEW 6146●	10,000	5"	120	5.5	.75	1/2"-13	10-1/2"	5 lbs.	7 lbs.

★ Available in 240 Volts AC-DC. Add -2 after Catalog Number when ordering. See price sheet.
● When used as a grinder, guard must be used for O.S.H.A. compliance.
▲ Flange designed to accommodate 7/8" hub depressed center wheel.

STANDARD EQUIPMENT FOR NO. 6145: Grinding wheel guard assembly No. 49-12-0320. One 4-1/2" × 1/4" × 7/8" 24 grit aluminum oxide grinding wheel No. 49-94-3300. 3/4" open end wrench No. 49-96-4078 and spanner wrench No. 49-96-7200. Flange No. 49-05-0040 and flange nut No. 49-05-0050. Side handle No. 49-15-0250.

STANDARD EQUIPMENT FOR NO. 6146: Grinding wheel guard assembly No. 49-12-0330. One 5" × 1/4" × 7/8" 24 grit aluminum oxide grinding wheel No. 49-94-3340. 3/4" open end wrench No. 49-96-4078 and spanner wrench No. 49-96-7200. Flange No. 49-05-0070 and flange nut No. 49-05-0050. Side handle No. 49-15-0250.

4-1/2" AND 5" SANDER/GRINDER ACCESSORIES

STEEL CARRYING CASE
NO. 48-55-0885

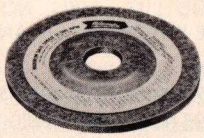
SPANNER WRENCH
NO. 49-96-7200

3/4" WRENCH
NO. 49-96-4078

SIDE HANDLE
NO. 49-15-0250

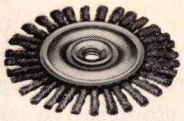
TYPE "C" GREASE NO. 49-08-1000 1 LB. CAN

FOR COMPLETE LINE 4-1/2" AND 5" SANDER/GRINDER ACCESSORIES SEE PAGES 76 AND 77



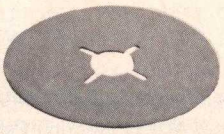
GRINDING DISCS

CUP WIRE BRUSHES



KNOT WIRE WHEELS

BACKING PADS



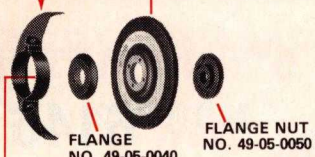
ABRASIVE SANDING DISCS

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ACCESSORIES

FOR USE WITH 4-1/2" NO. 6145 SANDER/GRINDER

USE GUARD NO. 49-12-0320 AS INDICATED



NOTE:
THE MAXIMUM SAFE OPERATING SPEED SHOWN ON THE GRINDING WHEELS MUST BE GREATER THAN THE NO LOAD SPEED OF THE TOOL.

● REINFORCED DEPRESSED CENTER GRINDING WHEELS TYPE 27

● WITH 7/8" REINFORCED ARBOR HOLE ● SOLD IN BOXES OF TEN
4-1/2" diameter, depressed center, resin-bonded, fiber reinforced with maximum safe operating speed of 12,500 RPM. Use with guard, flange and flange nut.

ALUMINUM OXIDE DISCS FOR METAL

NO. 49-94-3300	BOX OF 10	24 GRIT	4-1/2" × 1/4"	MAX. SPEED 12,500 RPM
NO. 49-94-3310		24 GRIT	4-1/2" × 1/8"	MAX. SPEED 12,500 RPM

SILICON CARBIDE DISCS FOR STONE OR CONCRETE

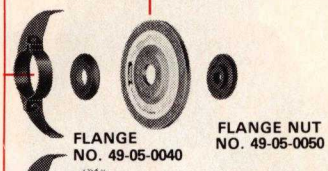
NO. 49-94-3320	BOX OF 10	24 GRIT	4-1/2" × 1/4"	MAX. SPEED 12,500 RPM
NO. 49-94-3330		24 GRIT	4-1/2" × 1/8"	MAX. SPEED 12,500 RPM

● COTTON REINFORCED DEPRESSED CENTER GRINDING WHEELS TYPE 27

FOR BLENDING AND FINISHING ON NON-FERROUS ALLOYS AND STAINLESS STEEL

SMOOTH HANDLING...soft cushion-like action reduces any tendency towards vibration. NON-LOADING...cotton reinforced wheels do not load up when working on the softer metals or alloys. LONG LIFE...for long life on original job plus the fact that cotton reinforced wheels can be dressed down and utilized on other operations. Wide range of applications...one of the most versatile of all abrasive tools.

COTTON REINFORCED ABRASIVE GRINDING WHEELS

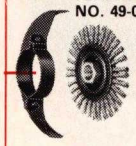


● WITH 7/8" ARBOR HOLE ● SOLD IN BOXES OF TEN
4-1/2" diameter, depressed center, resin-bonded, cotton reinforced with maximum safe operating speed of 12,000 RPM. Use with guard, flange and flange nut.

COTTON REINFORCED ABRASIVE GRINDING WHEELS

NO. 49-94-3400	BOX OF 10	24 GRIT	4-1/2" × 1/4"	MAX. SPEED 12,000 RPM
NO. 49-94-3410		24 GRIT	4-1/2" × 1/8"	MAX. SPEED 12,000 RPM

NEW STRINGER BEAD WIRE WHEEL



4" DIA. STAINLESS STEEL STRINGER BEAD WIRE WHEEL
NO. 48-52-1225 MAXIMUM SPEED 12,000 RPM .020 GAUGE WIRE 1/2"-13 THREAD

NEW FULL CABLE TWIST KNOT WIRE WHEEL

4" DIA. CARBON FULL CABLE TWIST KNOT WIRE WHEEL
NO. 48-52-1250 MAXIMUM SPEED 12,000 RPM .020 GAUGE WIRE 1/2"-13 THREAD

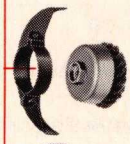
STRINGER BEAD WIRE WHEEL

4" DIA. CARBON STRINGER BEAD WIRE WHEEL
NO. 48-52-2220 MAXIMUM SPEED 12,000 .020 GAUGE WIRE 1/2"-13 THREAD

NEW FULL CABLE TWIST KNOT WIRE WHEEL

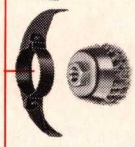
4" DIA. STAINLESS STEEL FULL CABLE TWIST KNOT WIRE WHEEL
NO. 48-52-2225 MAXIMUM SPEED 12,000 RPM .020 GAUGE WIRE 1/2"-13 THREAD

CRIMPED WIRE CUP BRUSH



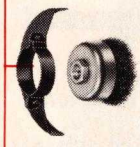
2-3/4" DIA. CARBON KNOT WIRE CUP BRUSH
NO. 48-52-1125 MAXIMUM SPEED 12,000 RPM .020 GAUGE WIRE 1/2"-13 THREAD

NEW SINGLE ROW KNOT WIRE CUP BRUSH



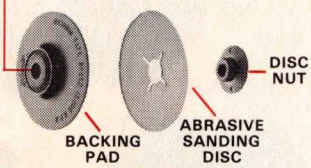
2-3/4" DIA. STAINLESS STEEL SINGLE ROW KNOT WIRE CUP BRUSH
NO. 48-52-1130 MAXIMUM SPEED 12,000 RPM .020 GAUGE WIRE 1/2"-13 THREAD

NEW CRIMP WIRE CUP BRUSH



3" DIA. CARBON CRIMPED WIRE CUP BRUSH 1-1/4" TRIM LENGTH
NO. 48-52-1135 MAXIMUM SPEED 12,000 RPM .0118 GAUGE WIRE 1/2"-13 THREAD

BACKING PAD ASSEMBLY



BACKING PAD ASSEMBLY NO. 49-36-3450 Maximum speed 13,000 RPM. Includes backing pad, disc nut, and one each of 36 and 60 grit sanding discs.

The MILWAUKEE Backing Pad Assembly is designed especially for use with 4-1/2" Sander/Grinder. The flexible backing pad is perfectly balanced for precise and efficient sanding and has a steel hub for easy installation.

DISC NUT *ONLY* NO. 49-40-0370 As furnished with Backing Pad Assembly.

4-1/2" DIA. ABRASIVE SANDING DISCS

SPECIALLY SELECTED EXTRA HARD ALUMINUM OXIDE GRITS ARE SUPPLIED WITH PLASTIC ADHESIVE TO RIGID FIBER BACKING FOR LONG LIFE...WILL NOT CRACK, CURL OR TEAR. THEY ARE WATER-PROOF AND CAN BE SCRUBBED FOR REUSE.

NO. 48-80-0500	BOX OF 10	24 GRIT	MAX. SPEED 13,000 RPM
NO. 48-80-0510		36 GRIT	MAX. SPEED 13,000 RPM
NO. 48-80-0520		60 GRIT	MAX. SPEED 13,000 RPM
NO. 48-80-0530		80 GRIT	MAX. SPEED 13,000 RPM
NO. 48-80-0540		120 GRIT	MAX. SPEED 13,000 RPM

HEAVY-DUTY ACCESSORIES

FOR USE WITH 5" NO. 6146 SANDER/GRINDER

USE GUARD NO. 49-12-0330 AS INDICATED

NOTE:
THE MAXIMUM SAFE OPERATING SPEED SHOWN ON THE GRINDING WHEELS MUST BE GREATER THAN THE NO LOAD SPEED OF THE TOOL.

REINFORCED DEPRESSED CENTER GRINDING WHEELS TYPE 27

● WITH 7/8" REINFORCED ARBOR HOLE ● SOLD IN BOXES OF TEN
5" diameter, depressed center, resin-bonded, fiber reinforced with maximum safe operating speed of 12,500 RPM. Use with guard, flange and flange nut.

ALUMINUM OXIDE DISCS FOR METAL

NO. 49-94-3340	BOX OF 10	24 GRIT	5" × 1/4"	MAX. SPEED 12,500 RPM
NO. 49-94-3350		24 GRIT	5" × 1/8"	MAX. SPEED 12,500 RPM

SILICON CARBIDE DISCS FOR STONE OR CONCRETE

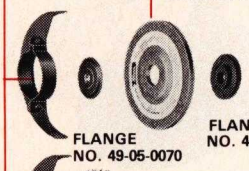
NO. 49-94-3360	BOX OF 10	24 GRIT	5" × 1/4"	MAX. SPEED 12,500 RPM
NO. 49-94-3370		24 GRIT	5" × 1/8"	MAX. SPEED 12,500 RPM

COTTON REINFORCED DEPRESSED CENTER GRINDING WHEELS TYPE 27

FOR BLENDING AND FINISHING ON NON-FERROUS ALLOYS AND STAINLESS STEEL

SMOOTH HANDLING...soft cushion-like action reduces any tendency towards vibration. NON-LOADING...cotton reinforced wheels do not load up when working on the softer metals or alloys. LONG LIFE...for long life on original job plus the fact that cotton reinforced wheels can be dressed down and utilized on other operations. Wide range of applications...one of the most versatile of all abrasive tools.

COTTON REINFORCED ABRASIVE GRINDING WHEELS



● WITH 7/8" ARBOR HOLE ● SOLD IN BOXES OF TEN
4-1/2" diameter, depressed center, resin-bonded, cotton reinforced with maximum safe operating speed of 12,000 RPM. Use with guard, flange and flange nut.

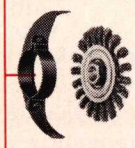
COTTON REINFORCED ABRASIVE GRINDING WHEELS

NO. 49-94-3400	BOX OF 10	24 GRIT	4-1/2" × 1/4"	MAX. SPEED 12,000 RPM
NO. 49-94-3410		24 GRIT	4-1/2" × 1/8"	MAX. SPEED 12,000 RPM

NEW STRINGER BEAD WIRE WHEEL

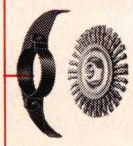
4" DIA. STAINLESS STEEL STRINGER BEAD WIRE WHEEL
NO. 48-52-1225 MAXIMUM SPEED 12,000 RPM .020 GAUGE WIRE 1/2"-13 THREAD

NEW FULL CABLE TWIST KNOT WIRE WHEEL



4" DIA. CARBON FULL CABLE TWIST KNOT WIRE WHEEL
NO. 48-52-1250 MAXIMUM SPEED 12,000 RPM .020 GAUGE WIRE 1/2"-13 THREAD

STRINGER BEAD WIRE WHEEL

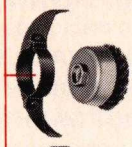


4" DIA. CARBON STRINGER BEAD WIRE WHEEL
NO. 48-52-2220 MAXIMUM SPEED 12,000 .020 GAUGE WIRE 1/2"-13 THREAD

NEW FULL CABLE TWIST KNOT WIRE WHEEL

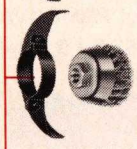
4" DIA. STAINLESS STEEL FULL CABLE TWIST KNOT WIRE WHEEL
NO. 48-52-2225 MAXIMUM SPEED 12,000 RPM .020 GAUGE WIRE 1/2"-13 THREAD

CRIMPED WIRE CUP BRUSH



2-3/4" DIA. CARBON KNOT WIRE CUP BRUSH
NO. 48-52-1125 MAXIMUM SPEED 12,000 RPM .020 GAUGE WIRE 1/2"-13 THREAD

NEW SINGLE ROW KNOT WIRE CUP BRUSH

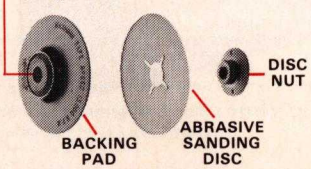


2-3/4" DIA. STAINLESS STEEL SINGLE ROW KNOT WIRE CUP BRUSH
NO. 48-52-1130 MAXIMUM SPEED 12,000 RPM .020 GAUGE WIRE 1/2"-13 THREAD

NEW CRIMP WIRE CUP BRUSH

3" DIA. CARBON CRIMPED WIRE CUP BRUSH 1-1/4" TRIM LENGTH
NO. 48-52-1135 MAXIMUM SPEED 12,000 RPM .0118 GAUGE WIRE 1/2"-13 THREAD

BACKING PAD ASSEMBLY



BACKING PAD ASSEMBLY **NO. 49-36-3460** Maximum speed 13,000 RPM. Includes backing pad, disc nut, and one each of 36 and 60 grit sanding discs.

The MILWAUKEE Backing Pad Assembly is designed especially for use with 5" Sander/Grinder. The flexible backing pad is perfectly balanced for precise and efficient sanding and has a steel hub for easy installation.

DISC NUT *ONLY* **NO. 49-40-0370** As furnished with Backing Pad Assembly.

5" DIA. ABRASIVE SANDING DISCS

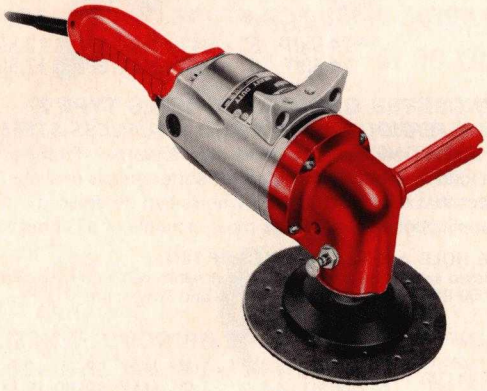
SPECIALLY SELECTED EXTRA HARD ALUMINUM OXIDE GRITS ARE SUPPLIED WITH PLASTIC ADHESIVE TO RIGID FIBER BACKING FOR LONG LIFE...WILL NOT CRACK, CURL OR TEAR. THEY ARE WATER-PROOF AND CAN BE SCRUBBED FOR REUSE.

NO. 48-80-0600	BOX OF 10	24 GRIT	MAX. SPEED 13,000 RPM
NO. 48-80-0610		36 GRIT	MAX. SPEED 13,000 RPM
NO. 48-80-0620		60 GRIT	MAX. SPEED 13,000 RPM
NO. 48-80-0630		80 GRIT	MAX. SPEED 13,000 RPM
NO. 48-80-0640		120 GRIT	MAX. SPEED 13,000 RPM

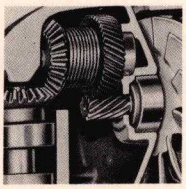
HEAVY-DUTY DISC SANDERS

POWERFUL SMOOTH RUNNING ALL BALL AND ROLLER BEARINGS

7" DIAMETER 9 AMP



6032
7" DIA.
9 AMP
3000 RPM



EXCLUSIVE SPRING LOADED DRIVE MECHANISM

Prevents harmful backlash shock of unbalanced pads to drive mechanism—won't slip under load—greatly extends gear life.

- **LAMINATION**, specifically designed for heavy-duty portable tool application.
- **HEAVY-DUTY METAL TOOL REST** absorbs shock—prevents damage to housing.

SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE
6032‡	3000	7"	120	9.0	1.0	5/8"-11

LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
14-1/2"	9-1/4 lbs.	16 lbs.

‡Not recommended for use with grinding wheels.

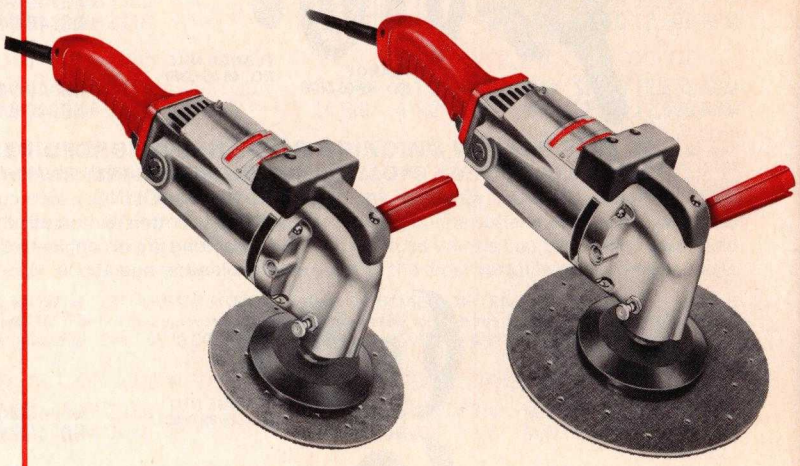
STANDARD EQUIPMENT
7" Phenolic backing disc, rubber backing pad and disc nut.

STEEL CARRYING CASE **NO. 48-55-0875**

TYPE "E" GREASE 1 lb. can **NO. 49-08-4120**

SEE PAGE 82 FOR DISC ASSEMBLIES

7" and 9" DIA. 13 AMP



6024■
7" DIA.
13 AMP
5000 RPM

6064■
9" DIA.
13 AMP
5000 RPM

■ *MILWAUKEE SANDER/GRINDERS MAY BE CONVERTED TO GRINDING OPERATIONS. SEE PAGES 81 and 82 FOR DISC*

FEATURES:

SEE PAGE 82 FOR DISC ASSEMBLIES

SEE PAGE 81 FOR GRINDER ASSEMBLIES

SPECIFICATIONS

STEEL CARRYING CASE
FOR DISC SANDER OR SANDER/GRINDER
NO. 48-55-0875

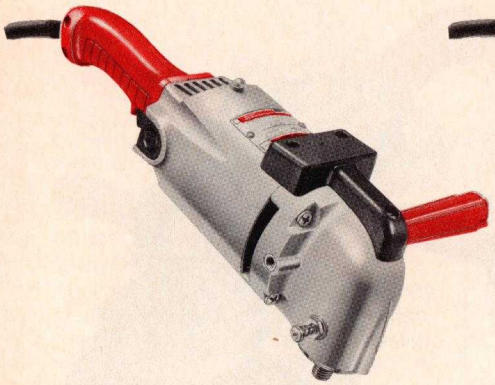
TYPE "E" GREASE
1 lb. can
NO. 49-08-4120

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT

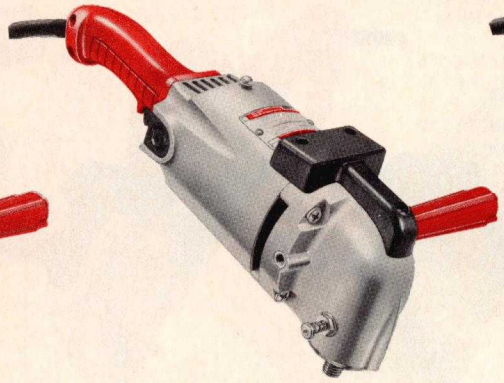
HEAVY-DUTY SANDER/GRINDERS

POWERFUL SMOOTH RUNNING ALL BALL AND ROLLER BEARINGS

7" and 9" DIAMETERS 13 AMP



6052■
9" DIA.
13 AMP
5000 RPM



6054■
7" DIA.
13 AMP
6000 RPM

6106■
9" DIA.
13 AMP
5000 RPM

LE GRINDERS BY USING THE PROPER WHEEL GUARD FOR EMBLIES, WHEEL GUARDS AND ACCESSORIES.

- ***EXCLUSIVE* SPRING LOADED DRIVE MECHANISM** prevents harmful backlash shock of unbalanced pads to drive mechanism — won't slip under load — greatly extends gear life.
- **EFFICIENT FAN** for cooler operation, longer life.
- **SMOOTH RUNNING** all ball and roller bearing. Bearings and seals matched to armature speed.
- **BALL BEARING MOUNTED ARMATURE** is dynamically balanced and vibration free.
- **HELICAL GEARING** for longer life, quieter operation.
- **HEAVY-DUTY ALUMINUM GEAR CASE AND MOTOR HOUSING**
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM** stops tool when brushes are worn — prevents damage to commutator. External brush holders permit inspection and replacement of brushes without disassembly of grinders.
- **NON-CONDUCTIVE HEAVY-DUTY GLASS REINFORCED NYLON HANDLE**
- **REVERSIBLE SIDE HANDLE DESIGN** for better control, greater comfort.
- **HEAVY-DUTY URETHANE TOOL REST** prevents damage to motor housing and gear case.
- **RUBBER SPINDLE WASHER** for easy wheel removal — prevents wheels from freezing on spindle.
- **REPLACEABLE SPINDLE LOCK**

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6024*	5000	7"	120	13.0	2.25	5/8"-11	16-1/2"	13 lbs.	18 lbs.
6064*	5000	9"	120	13.0	2.25	5/8"-11	16-1/2"	13-1/4 lbs.	18 lbs.
6052★*	5000	9"	120	13.0	2.25	5/8"-11	16-1/2"	12 lbs.	16-3/4 lbs.
6054★*	6000	7"	120	13.0	2.25	5/8"-11	16-1/2"	12 lbs.	16-3/4 lbs.
6106	5000	9"	120	13.0	2.25	5/8"-11	16-1/2"	15 lbs.	19-3/4 lbs.

See Page 80 for 15 Amp Sander/Grinders

★ Available in 240 Volts AC-DC. Add -2 after Catalog Number when ordering. See price sheet.
* When used as a grinder, guard must be used for O.S.H.A. compliance.

STANDARD EQUIPMENT

FOR MODEL 6024—
7" phenolic resin backing disc assembly and disc retaining nut. One each 36 and 60 grit 7" diameter sanding disc.

FOR MODEL 6064—
9" phenolic resin backing disc assembly and disc retainng nut. One each 36 and 60 grit 9" diameter sanding disc.

FOR MODELS 6052 and 6054—
Less disc assembly and sanding disc. Order all accessories separately.

FOR MODEL 6106—
9" x 1/4" flat rough reinforced grinding disc. Steel guard No. 49-12-0090.

HEAVY-DUTY SANDER/GRINDERS■

POWERFUL SMOOTH RUNNING ALL BALL AND ROLLER BEARINGS

7" and 9" DIAMETERS 15 AMP

6056	6058	6090	6108
9" DIA.	7" DIA.	7" DIA.	9" DIA.
15 AMP	15 AMP	15 AMP	15 AMP
5000 RPM	6000 RPM	6000 RPM	5000 RPM

■ *MILWAUKEE SANDER/GRINDERS MAY BE CONVERTED TO ANGLE GRINDERS BY USING THE PROPER WHEEL GUARD FOR GRINDING OPERATIONS. SEE PAGES 81 and 82 FOR DISC ASSEMBLIES, WHEEL GUARDS AND ACCESSORIES.*

- ***EXCLUSIVE* SPRING LOADED DRIVE MECHANISM** prevents harmful backlash shock of unbalanced pads to drive mechanism — won't slip under load — greatly extends gear life.
- **EFFICIENT FAN** for cooler operation, longer life.
- **SMOOTH RUNNING** all ball and roller bearing. Bearings and seals matched to armature speed.
- **BALL BEARING MOUNTED ARMATURE** is dynamically balanced and vibration free.
- **HELICAL GEARING** for longer life, quieter operation.
- **HEAVY-DUTY ALUMINUM GEAR CASE AND MOTOR HOUSING**
- **SELF STOPPING LONG LIFE BRUSH SYSTEM** stops tool when brushes are worn — prevents damage to commutator. External brush holders permit inspection and replacement of brushes without disassembly of grinders.
- **NON-CONDUCTIVE HEAVY-DUTY GLASS REINFORCED NYLON HANDLE**
- **REVERSIBLE SIDE HANDLE DESIGN** for better control, greater comfort.
- **HEAVY-DUTY URETHANE TOOL REST** prevents damage to motor housing and gear case.
- **RUBBER SPINDLE WASHER** for easy wheel removal — prevents wheels from freezing on spindle.
- **REPLACEABLE SPINDLE LOCK**

SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6056*	5000	9"	120 AC-DC	15.0	3.00	5/8"-11	16-1/2"	12-1/4 lbs.	17 lbs.
6058★*	6000	7"	120 AC-DC	15.0	3.00	5/8"-11	16-1/2"	12-1/4 lbs.	17 lbs.
6090*	6000	7"	120 AC ONLY	15.0	3.00	5/8"-11	17"	12-1/2 lbs.	17-1/4 lbs.
6108	5000	9"	120 AC-DC	15.0	3.00	5/8"-11	16-1/2"	15-1/4 lbs.	20 lbs.

★ Available in 240 Volts AC-DC. Add -2 after Catalog Number when ordering. See price sheet.
* When used as a grinder, guard must be used for O.S.H.A. compliance.

STEEL CARRYING CASE
NO. 48-55-0875

TYPE "E" GREASE
1 lb. can
NO. 49-08-4120

STANDARD EQUIPMENT
FOR MODELS 6056, 6058 and 6090 –
Less disc assembly and sanding discs. Order all accessories separately.

FOR MODEL 6108 –
9" × 1/4" flat rough reinforced grinding disc. Steel guard No. 49-12-0090.

SEE PAGE 81 FOR DISC ASSEMBLIES AND PAGE 82 FOR GRINDER ASSEMBLIES

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY GRINDER ACCESSORIES

CAUTION: ALWAYS USE COMBINATIONS OF SAFETY ATTACHMENTS AS ILLUSTRATED. SAFETY GUARDS REQUIRED. WEAR SAFETY GOGGLES.

NOTE: THE MAXIMUM SAFE OPERATING SPEED SHOWN ON THE GRINDING WHEELS MUST BE GREATER THAN THE NO LOAD SPEED OF THE TOOL.

FLAT REINFORCED GRINDING DISCS

Strong and tough with high safety factor to permit high speed operation. Nylon reinforced to resist breakage from twisting, starting torque or lateral pressure.

ECONOMICAL DEPRESSED CENTER GRINDING DISCS

WITH 7/8" REINFORCED ARBOR HOLE

SOLD ONLY IN BOXES OF TEN

The same high quality grinding disc as the flat reinforced disc above, but with 7/8" reinforced arbor hole. Use with guard, hub adapter, and disc nut. Less expensive than disc with permanent mounted hub.

§ Grinding discs with 7/8" arbor holes must be used with rubber washer No. 45-88-0160 and flange No. 49-05-0060. (New tools only.)

CURVED REINFORCED GRINDING DISCS

Nylon reinforced curved grinding discs for grinding welds. Contour shape permits easier accessibility to work surfaces. Same high safety factor as flat reinforced grinding discs.

FLARED CUP GRINDING WHEELS ●

Aluminum oxide for all general purpose metal grinding. Resinoid bonded. These wheels are fitted with 5/8"-11 threaded bushing molded integrally for ready mounting.

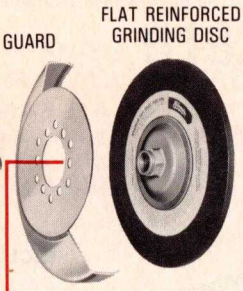
● Flared and armor cup grinding wheels must be used with the proper skirt guard. On new 13 and 15 amp Sander/Grinders, No. 49-05-0030 flange must also be used.

ARMOR-CUP GRINDING WHEELS ●

Resinoid bonded. Special fine grit outer rim wears slowly...prevents rounded edges for high performance without distortion. Eliminates waste by maintaining a flat grinding surface even under the toughest conditions... provides longer usable cup life. 5/8"-11 threaded bushing integrally molded for easy mounting.

CRIMPED *or* KNOT WIRE CUP BRUSHES

Finest quality crimped or knot wire brushes to give long service life on the toughest cleaning jobs. Ideally suited for cleaning castings, structural steel, sheet metal, stone and concrete.

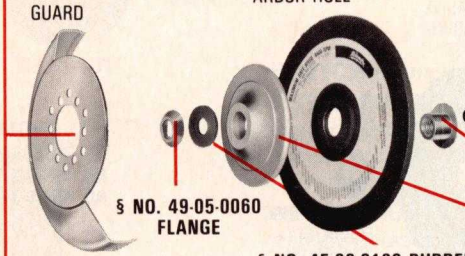


FLAT REINFORCED GRINDING DISCS

CATALOG NUMBER	DESCRIPTION			MAXIMUM SAFE SPEED RPM
ALUMINUM OXIDE DISCS FOR METAL				
49-93-3110	24 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	8500
49-93-3230	24 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500
49-93-3170	46 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	8500
49-93-3290	46 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500
SILICON CARBIDE DISCS FOR STONE OR CONCRETE				
49-93-3130	16 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	8500
49-93-3250	16 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500

GUARD FOR FLAT REINFORCED GRINDING DISCS

49-12-0080 Fits 7" Grinder
49-12-0090 Fits 9" Grinder



ECONOMICAL DEPRESSED CENTER GRINDING DISCS

CATALOG NUMBER (10 WHEELS PER BOX)		DESCRIPTION		MAXIMUM SAFE SPEED RPM
ALUMINUM OXIDE DISCS FOR METAL				
GRINDING DISCS HAVE 7/8" REINFORCED ARBOR HOLE				
49-94-3112	BOX OF 10	24 GRIT	7" × 1/4"	8500
49-94-3232		24 GRIT	9" × 1/4"	6500
49-94-3172		46 GRIT	7" × 1/4"	8500
49-94-3292		46 GRIT	9" × 1/4"	6500

GUARD FOR FLAT REINFORCED GRINDING DISC

NO. 49-12-0080 Fits 7" Grinder
NO. 49-12-0090 Fits 9" Grinder

NO. 49-40-0380 DISC NUT For disc wheel hub adapter.

NO. 48-03-1000 HUB ADAPTER For use with depressed center hub wheels with 7/8" diameter hole.

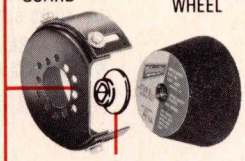
§ NO. 45-88-0160 RUBBER WASHER

CURVED REINFORCED GRINDING DISCS

CATALOG NUMBER	DESCRIPTION			MAXIMUM SAFE SPEED RPM
49-93-3120	24 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	7750
49-93-3240	24 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500
49-93-3180	46 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	7750
49-93-3300	46 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500

GUARD FOR CURVED REINFORCED GRINDING DISCS

49-12-0100 Fits 7" Grinder
49-12-0110 Fits 9" Grinder



● **NO. 49-05-0030 FLANGE**

FLARED-CUP GRINDING WHEELS

CATALOG NUMBER	DESCRIPTION			MAXIMUM SAFE SPEED RPM
49-93-5140	16 GRIT	4" DIA. FOR 7" GRINDERS	5/8"-11 Thd.	9000
49-93-5220	16 GRIT	5" DIA. FOR 9" GRINDERS	5/8"-11 Thd.	7200

ADJUSTABLE SKIRT GUARD FOR FLARED CUP GRINDING WHEELS

49-12-0062 * For 4" Cup Wheel } FLANGE INCLUDED
49-12-0072 * For 5" Cup Wheel }

* Old tool models require No. 49-12-0061 or No. 49-12-0071.

● **NO. 49-05-0030 FLANGE**

ARMOR-CUP GRINDING WHEELS

CATALOG NUMBER	DESCRIPTION			MAXIMUM SAFE SPEED RPM
ALUMINUM OXIDE ARMOR CUP FOR METAL				
49-93-5250	16/24 GRIT	4" DIA. FOR 7" GRIND.	5/8"-11 Thd.	9000
49-93-5270	16/24 GRIT	5" DIA. FOR 9" GRIND.	5/8"-11 Thd.	7200
SILICON CARBIDE ARMOR-CUP FOR STONE OR CONCRETE				
49-93-5260	16/24 GRIT	4" DIA. FOR 7" GRIND.	5/8"-11 Thd.	9000
49-93-5280	16/24 GRIT	5" DIA. FOR 9" GRIND.	5/8"-11 Thd.	7200

ADJUSTABLE SKIRT GUARD FOR ARMOR-CUP GRINDING WHEELS

49-12-0062 * For 4" Cup Wheel } FLANGE INCLUDED
49-12-0072 * For 5" Cup Wheel }

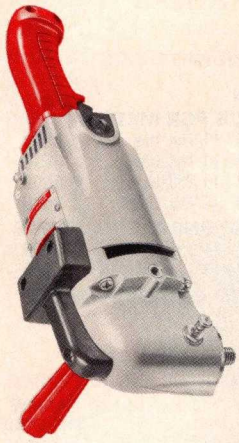
* Old tool models require No. 49-12-0061 or No. 49-12-0071.

CRIMPED or KNOT WIRE CUP BRUSHES

CATALOG NUMBER	DESCRIPTION		MAXIMUM SAFE SPEED RPM
4" DIAMETER FOR 7" GRINDERS			
48-52-1300	30 ga. Crimped Wire	5/8"-11 Thread	7000
48-52-1350	24 ga. Knot Wire	5/8"-11 Thread	6000
6" DIAMETER FOR 9" GRINDERS			
48-52-1600	24 ga. Crimped Wire	5/8"-11 Thread	6000
48-52-1650	30 ga. Knot Wire	5/8"-11 Thread	6000

HEAVY-DUTY SANDER ACCESSORIES

BACKING DISC ASSEMBLIES

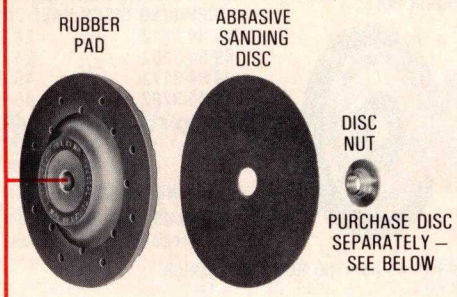


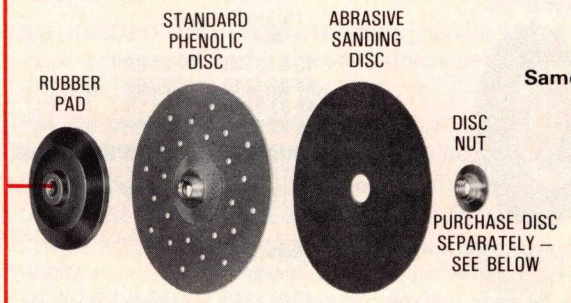
Light, perfectly balanced assemblies provide flexibility for curves and contours. Abrasive discs can be trimmed down to the next smaller diameter to be used with smaller backing discs, affording greater economy.

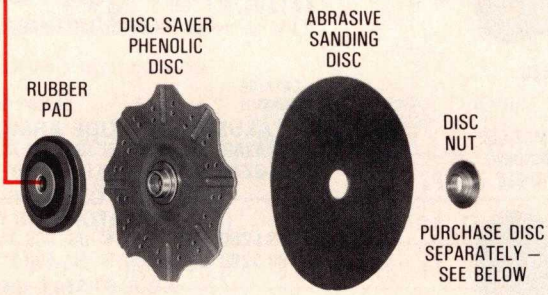
SPIRAL DESIGN BACKING PAD

AIR COOLED...IDEAL FOR ALL SANDING OPERATIONS ON METAL, PLASTIC, FIBERGLASS ETC.

CAUTION: ALWAYS USE COMBINATIONS OF BACKING DISCS AS ILLUSTRATED. FOR SAFETY AND EFFICIENT OPERATION WEAR SAFETY GOGGLES.







SPIRAL DESIGN PAD ASSEMBLY

COMPLETE ASSEMBLY INCLUDES RUBBER PAD AND DISC NUT

Does Not Include Abrasive Sanding Disc

NO. 49-36-3800	7" DIA.	MAX. SPEED 7500 RPM
NO. 49-36-3850	9" DIA.	MAX. SPEED 6000 RPM

DISC NUT ONLY

NO. 49-40-0360

RUBBER PAD ASSEMBLY

COMPLETE ASSEMBLY INCLUDES RUBBER PAD AND DISC NUT

Does Not Include Abrasive Sanding Disc

NO. 49-36-3700	7" DIA.	MAX. SPEED 7500 RPM
NO. 49-36-3750	9" DIA.	MAX. SPEED 7000 RPM

DISC NUT ONLY

NO. 49-40-0360

STANDARD PHENOLIC DISC ASSEMBLIES

Same as furnished with Sander/Grinder Nos. 6024 and 6064

COMPLETE ASSEMBLY INCLUDES RUBBER PAD, DISC, AND DISC NUT

Does Not Include Abrasive Sanding Disc

NO. 49-36-6000	7" DIA.	MAX. SPEED 7000 RPM
NO. 49-36-6050	9" DIA.	MAX. SPEED 7000 RPM

DISC ONLY

Must Be Used With Rubber Pad No. 49-36-3500

NO. 48-80-6000	7" DIA.	MAX. SPEED 7000 RPM
NO. 48-80-6050	9" DIA.	MAX. SPEED 7000 RPM

RUBBER PAD ONLY — **NO. 49-36-3500** MAX. SPEED 7000 RPM

DISC NUT ONLY — **NO. 49-40-0350**

DISC SAVER PHENOLIC DISC ASSEMBLIES

COMPLETE ASSEMBLY INCLUDES RUBBER PAD, DISC, AND DISC NUT

Does Not Include Abrasive Sanding Disc

NO. 49-36-3600	7" DIA.	MAX. SPEED 7000 RPM
NO. 49-36-3650	9" DIA.	MAX. SPEED 7000 RPM

DISC ONLY

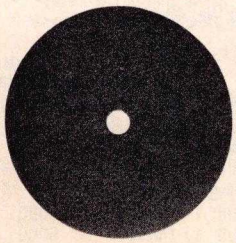
Must Be Used With Rubber Pad No. 49-36-3550

NO. 48-80-6010	7" DIA.	MAX. SPEED 7000 RPM
NO. 48-80-6060	9" DIA.	MAX. SPEED 7000 RPM

RUBBER PAD ONLY — **NO. 49-36-3550** MAX. SPEED 7000 RPM

DISC NUT ONLY — **NO. 49-40-0350**

ABRASIVE SANDING DISCS *PACKED AND SOLD ONLY IN BOXES OF 10*



Specially selected extra hard aluminum oxide grits are applied with plastic adhesive to rigid fiber backing for long life. Waterproof and can be dipped and scrubbed for re-use.

FOR 7" DIAMETER ASSEMBLIES

CATALOG NUMBER (10 PER BOX)			
NO. 48-80-2000	BOX OF 10	16 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2050		24 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2100		36 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2200		60 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2250		80 GRIT	MAX. SPEED 7000 RPM

FOR 9" DIAMETER ASSEMBLIES

CATALOG NUMBER (10 PER BOX)			
NO. 48-80-2500	BOX OF 10	16 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2550		24 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2600		36 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2700		60 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2750		80 GRIT	MAX. SPEED 7000 RPM

HEAVY-DUTY DIE GRINDER

COMPACT, PRECISION HANDLING...IDEAL FOR FINISH GRINDING

2" MAX. WHEEL DIAMETER 4.5 AMP

NEW 5192 21,000 RPM

- Double insulated construction
- Extended spindle housing permits gripping the tool close to the grinding wheel for accurate control grinding
- For die grinding, finishing molds, deburring and precise grinding

- Ideal for die shops stamping plants and toolrooms

FEATURES

SWITCH is conveniently mounted for one hand operation.

POWERFUL MOTOR computer optimized design. Armature windings and laminations are insulated from shaft for maximum protection against grounds. Armatures are dynamically balanced for smooth efficient operation.

NEOPRENE COATED ALUMINUM SPINDLE HOUSING is extremely durable and insulates spindle housing.

GLASS FILLED NYLON MOTOR HOUSING allows for cooler operation, comfortable and lightweight.

ALL BALL BEARINGS

SPECIFICATIONS

CATALOG NUMBER	NO LOAD SPEED RPM	MAXIMUM GRINDING WHEEL DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	COLLET DIAMETER	LENGTH	NET WEIGHT	SHIPPING WEIGHT
NEW 5192	21,000	2"	120	4.5	.5	1/8† - 1/4‡	13-1/2"	4-1/2 lbs.	4-3/4 lbs.

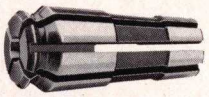
† Available as accessory only ‡ Standard equipment

NOTE: The maximum safe operating speed shown on grinding wheels must be greater than the no load speed of the tool.

STANDARD EQUIPMENT

1/4" COLLET NO. 48-66-0975
1/2" OPEN END WRENCH NO. 49-96-4040
11/16" OPEN END WRENCH NO. 49-96-4090

ACCESSORIES



1/8" COLLET
NO. 48-66-0965

TYPE "D" GREASE 1 lb. can
NO. 49-08-4110

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY

DIE GRINDER

POWERFUL SMOOTH RUNNING

2" DIAMETER 11 AMP

NEW 5196 14,500 RPM

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE GLASS FILLED NYLON MOTOR HOUSING AND HANDLE

- HEAVY-DUTY ALUMINUM GEAR CASE
- FOR MOUNTED WHEELS AND POINTS UP TO 2" REINFORCED WHEELS UP TO 2"
- HIGH IMPACT RESISTANT URETHANE TOOL REST
- REMOVABLE ARMATURE PINION
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- BALL BEARING MOUNTED ARMATURE
- SUPER EFFICIENT FAN
- SELF-STOPPING LONG LIFE BRUSH SYSTEM
- HELICAL-CUT ALLOY STEEL GEARS AND SHAFT

SPECIFICATIONS

NEW CATALOG NUMBER	OLD CATALOG NUMBER	VOLTS AC-DC	AMPS	COLLET DIAMETER	MAX. GRINDING WHEEL DIA. ■ NON-REINFORCED ORGANIC	MAX. GRINDING WHEEL DIA. ■ REIN-FORCED
5196	5195	120	11	1/8†-1/4‡	2"	2"

NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
14,500	21-1/2	7-3/4	8-3/4

† Available as accessory only
‡ Standard equipment

■ ***SAFETY NOTE:*** *This Grinder is not supplied with grinding wheel. Before using any grinding wheel be sure speed shown for that wheel is greater than the no load speed of the tool. Tables of maximum operating speeds for mounted wheels are included in the instructions packed with each new grinder.* ***CAUTION:*** **NEVER OPERATE TOOL WITHOUT GRINDING WHEEL OR DOWEL PROPERLY SECURED IN ITS COLLET.**

ACCESSORIES FOR DIE GRINDER MODEL 5196

NO. 48-66-0975 *	1/4" Collet
NO. 49-96-4090 *	11/16" Open End Wrench
NO. 49-96-4040 *	1/2" Open End Wrench
NO. 49-96-4075 *	1" Open End Wrench
NO. 48-66-0965	1/8" Collet
NO. 49-08-4110	Type "D" Grease, 1 lb. can.

ACCESSORIES FOR PREVIOUS MODEL 5195

With Serial Numbers below 525-10,500

NO. 48-66-0970 *	1/4" Collet
NO. 49-96-4040 *	1/2" Open End Wrench
NO. 49-96-4065 *	5/8" Open End Wrench
NO. 49-96-4075 *	1" Open End Wrench
NO. 48-66-0960	1/8" Collet
NO. 49-08-4110	Type "D" Grease, 1 lb. can

With Serial Numbers above 525-10,500

NO. 48-66-0965	1/8" Collet
NO. 48-66-0975 *	1/4" Collet
NO. 49-96-4090 *	11/16" Wrench
NO. 49-08-4110	Type "D" Grease, 1 lb. can

* Included as Standard Equipment.

COLLET ASSEMBLY NO. 48-66-2090

To convert model 5195 with serial nos. below 525-10,500 to new collet system. Includes collet body (42-77-0080) and nut (44-40-0435) order collet separately.

STRAIGHT GRINDER

ALL BALL AND ROLLER BEARINGS

3" DIAMETER 11 AMP

NEW 5211 14,500 RPM

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE GLASS FILLED NYLON MOTOR HOUSING AND HANDLE

- HEAVY-DUTY ALUMINUM GEAR CASE
- ALUMINUM OXIDE WHEELS 1/2" × 3" × 3/8" AVAILABLE IN 60 GRIT OR 36 GRIT
- HIGH IMPACT RESISTANT URETHANE TOOL REST
- HINGED FACE PLATE ON GUARD FOR QUICK WHEEL REPLACEMENT
- BALL BEARING MOUNTED ARMATURE
- HEAVY-DUTY MILWAUKEE BUILT MOTORS
- SUPER EFFICIENT FAN
- SELF-STOPPING LONG LIFE BRUSH SYSTEM
- HELICAL-CUT ALLOY STEEL GEARS AND SHAFT
- REMOVABLE ARMATURE PINION
- ADJUSTABLE HEAVY-DUTY STEEL GUARD

SPECIFICATIONS

NEW CATALOG NUMBER	OLD CATALOG NUMBER	VOLTS AC-DC	AMPS	WHEEL SIZE	HOLE DIA.
5211	5210	120	11	1/2" × 3"	3/8"

NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
14,500	21	7-3/4	8-3/4

NOTE: *Before using any grinding wheel be sure speed shown for that wheel is greater than the no load speed of the tool.*

ACCESSORIES FOR STRAIGHT GRINDER MODEL 5211

NO. 49-96-4050 *	9/16" Open End Wrench
NO. 49-96-4075 *	1" Open End Wrench
NO. 49-12-0280 *	Wheel Guard Assembly
NO. 49-92-0500 *	36 Grit Aluminum Oxide Wheel, 1/2" × 3" × 3/8"
NO. 49-08-4110	Type "D" Grease, 1 lb. can
NO. 49-92-0510	60 Grit Aluminum Oxide Wheel, 1/2" × 3" × 3/8"

ACCESSORIES FOR PREVIOUS MODEL 5210

NO. 49-96-4050 *	9/16" Open End Wrench
NO. 49-96-4075 *	1" Open End Wrench
NO. 49-92-0200	60 Grit Aluminum Oxide Wheel, 1/2" × 2-1/2" × 3/8"
NO. 49-92-0250 *	36 Grit Aluminum Oxide Wheel, 1/2" × 2-1/2" × 3/8"
NO. 49-12-0280 *	Wheel Guard Assembly
NO. 49-08-4110	Type "D" Grease, 1 lb. can

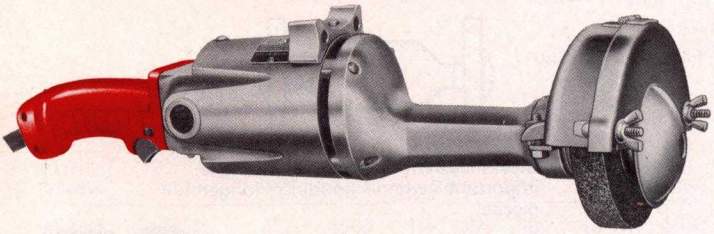
* Included as Standard Equipment.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY STRAIGHT GRINDERS TUCK POINT GRINDER

POWERFUL SMOOTH RUNNING ALL BALL AND ROLLER BEARINGS

5" DIAMETER 11.5 AMP
5220 4000 RPM



6" DIAMETER 15 AMP
NEW 5243 5500 RPM

5" AND 6" MODEL FEATURES

- LIGHTWEIGHT ALUMINUM ALLOY HOUSING
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- DOUBLE ROW OVERSIZE BALL BEARINGS
- HELICAL-CUT ALLOY STEEL GEARS AND SHAFT
- ADJUSTABLE STEEL GUARD
- HINGED FACE PLATE ON GUARD FOR QUICK WHEEL REPLACEMENT

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	MAX. WHEEL DIA.	HOLE DIA.	SPEED NO LOAD (RPM)	LENGTH INCHES	NET WGT. LBS.	SHP. WGT. LBS.
5220	120	11.5	5"	5/8"	4000	21-3/4	15	19
NEW 5243★	120	15	6"	5/8"	5500	22	16-1/2	22

★ Available in 240 Volts AC-DC. Add -2 after Catalog Number when ordering. See price sheet.
STANDARD EQUIPMENT: Equipped with adjustable steel wheel guard and coarse grinding wheel. Hinged face plate.
NOTE: The maximum safe operating speed shown on grinding wheels and tuck point abrasive wheels must be greater than the no load speed of the tool.

REPLACEMENT GUARD ASSEMBLIES

5" WHEEL GUARD ASSEMBLY For No. 5220 Grinder
NO. 49-12-0140

6" WHEEL GUARD ASSEMBLY For No. 5240 Grinder
NO. 49-12-0150

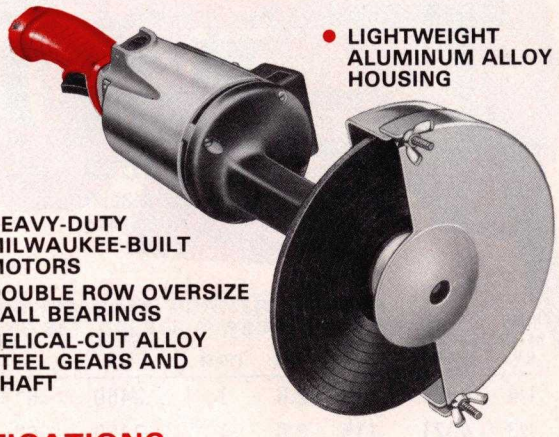
6" WHEEL GUARD ASSEMBLY For No. 5243 Grinder
NO. 49-12-0160

TUCK POINT GRINDER ACCESSORY KIT

NO. 49-22-6050 Includes wheel guard, spacer unit and 8" × 1/8" × 5/8" hole abrasive wheel.
NOTE: Kit and abrasive wheels are adaptable to Straight Grinder Nos. 5220 and 5240.

8" DIAMETER 15 AMP
NEW 5263 5500 RPM

POWERFUL, HIGH SPEED, EASY HANDLING FOR FAST REMOVAL OF OLD OR LOOSE MORTAR



- LIGHTWEIGHT ALUMINUM ALLOY HOUSING
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- DOUBLE ROW OVERSIZE BALL BEARINGS
- HELICAL-CUT ALLOY STEEL GEARS AND SHAFT

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	MAX. WHEEL DIA.	HOLE DIA.	SPEED NO LOAD RPM	NET LGTH. INS.	SHP. WGT. LBS.	WGT. LBS.
NEW 5263	120	15	8"	5/8"	5500	21	15-1/4	19

STANDARD EQUIPMENT: Furnished with 8" × 1/8" abrasive wheel and steel wheel guard.
NOTE: The maximum safe operating speed shown on grinding wheels and tuck point abrasive wheels must be greater than the no load speed of the tool.

TUCK POINT GUARD 8" Guard **NO. 49-12-0310**

TUCK POINT GRINDER ACCESSORY KIT

NO. 49-22-6050
Includes wheel guard, spacer unit and 8" × 1/8" × 5/8" hole abrasive wheel.
NOTE: Kit and abrasive wheels are adaptable to Portable Grinders Nos. 5220 and 5240.

TUCK POINT ABRASIVE WHEELS

Maximum Wheel Speeds 7200 RPM
NO. 49-92-5020 8" × 1/8" × 5/8" hole
NO. 49-92-5040 8" × 3/16" × 5/8" hole
NO. 49-92-5060 8" × 1/4" × 5/8" hole

TYPE "C" GREASE NO. 49-08-1000
1 lb. can for model 5220

TYPE "G" GREASE NO. 49-08-4140
1 lb. can for models 5243 and 5263

COARSE GRIT GRINDING WHEELS

CATALOG NUMBER	SIZE INS.	HOLE DIA.	MAXIMUM WHEEL SPEED
49-92-2240	5 × 1	5/8"	7200
49-92-3260	6 × 1	5/8"	6000

KNOT WIRE BRUSHES

Made of select steel wire. For cleaning steel surfaces and castings, removing rust, scale, file marks.

CATALOG NUMBER	DIA. INS.	HOLE DIAMETER	WIRE SIZE	MAX. WHEEL SPEED
48-52-2310	5	5/8"	.014	8000
48-52-2510	6	1/2"-5/8"	.014	8000

CLOTH BUFFING WHEELS

For polishing and buffing metal surfaces. When coated with abrasive, can be used for smooth finish grinding or rough polishing.

CATALOG NUMBER	DIA. INS.	HOLE DIA.
49-93-0070	5	5/8"
49-93-0090	6	5/8"

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

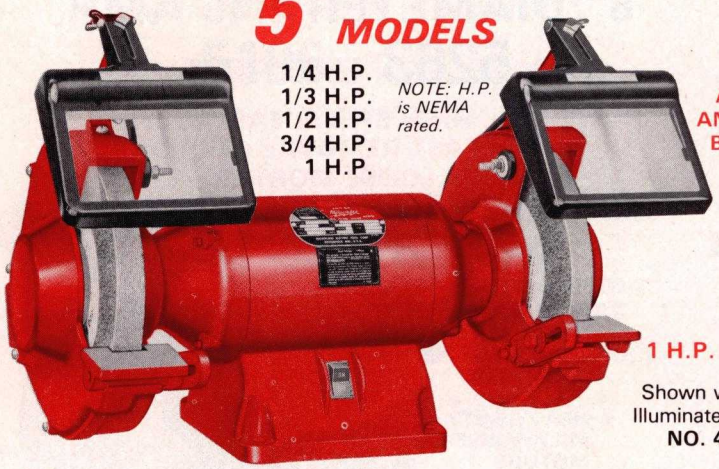
HEAVY-DUTY BENCH GRINDERS

6 • 7 • 8 • 10 INCH WHEEL SIZES

5 MODELS

1/4 H.P.
1/3 H.P.
1/2 H.P.
3/4 H.P.
1 H.P.

NOTE: H.P. is NEMA rated.



ALL BALL AND ROLLER BEARINGS

1 H.P. GRINDER

Shown with Optional Illuminated Eye Shields
NO. 49-62-0050

BELL TYPE CONSTRUCTION

SPECIAL FEATURE

Clearance in front of motor housing is important when grinding longer pieces.

Plastic Eye Shields No. 49-62-0100 are furnished as standard equipment. Plexiglass Eye Shields and Illuminated Eye Shields are offered as optional accessories. Shields *must* be used when operating grinders.

SPECIFICATIONS

NEMA RATED H.P.	CATALOG NUMBER	VOLTS AC ONLY	AMPS	PHASE	SPEED RPM	WHEEL SIZE	HOLE DIA.	SPACE BETWEEN WHEELS	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1/4	**4901**	115	2.6	1	3450	6" × 5/8"	5/8"	9-7/8"	24	26
1/3	**4921**	115	2.9	1	3450	6" × 3/4"	5/8"	11-13/16"	26	28
1/2	**4981**	115	4.0	1	3450	7" × 1"	5/8"	13-5/8"	41	43
3/4	**5041**	115 *	8.2	1	3450/2850	8" × 1"	5/8"	17-3/8"	58	60
1	**5081**	115 *	12.8	1	1725/1425	10" × 1"	3/4"	18-1/8"	88	90

* 3/4 & 1 horsepower 60/50 hertz. All others are 60 hertz.

STANDARD EQUIPMENT

Includes two balanced, vitrified wheels — one fine and one coarse grit — adjustable tool rests, spark deflectors and plastic eye shields. Pedestal and illuminated eye shields are listed below and are available as accessories. Wheels other than those supplied as standard equipment must be ordered separately.

PLASTIC EYE SHIELDS

NO. 49-62-0100 (pair) These protective eye shields are furnished as standard equipment on all MILWAUKEE Bench Grinders. Easily replaced when pitted. Supplied as a pair. Complete with attaching hardware for any MILWAUKEE Bench Grinder. Shp. Wt. 1 lb. per pair.

ILLUMINATED EYE SHIELD

NO. 49-62-0050 (as shown above on 1 H.P. Grinder) Metal frame holds 4" × 6" plexiglass window...easily replaced when pitted. Long tube bulb eliminates shadow... separate cord with on-off switch operates on 120 Volts AC. Rigid support prevents swiveling. Available for 1/2, 3/4 and 1 H.P. bench grinders only. If pair required specify 2 units. Shp. Wt. 4 lbs. each.

PLEXIGLASS EYE SHIELDS

NO. 49-62-0060 (pair) As shown at right on 1/2 H.P. Grinder. Frame holds 3" × 5" Shatter-Resistant plexiglass. Mounting bracket included. Adaptable to all models. Shp. Wt. 4 lbs. per pair.

1/2 H.P. GRINDER

Mounted on Grinder Pedestal Shown with Optional Eye Shields
NO. 49-62-0060

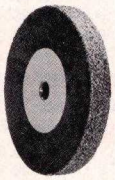
GRINDER PEDESTAL

NO. 49-39-0050 Heavy gray iron castings with tubular steel column. Removable water pot. Adaptable to all models. Height 34". Shp. Wt. 54 lbs.

WHEELS FOR BENCH GRINDERS

NOTE: The maximum safe operating speed shown on the grinding wheels must be greater than the no load speed of the tool. Grinding Wheels are available in 24, 46 and 80 vitrified grit for all types of grinding. Knot Wire Brushes for removing rust, scale and file marks — made of select steel wires. Brushes have a face width of 3/4". Cloth Buffing Wheels for buffing metal surfaces — made of multiple layers of select buffing cloth — securely sewed — can be dipped in an emery grit after coating with glue for finish grinding or rough polishing.

GRINDING WHEELS

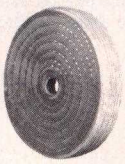


	CATALOG NUMBER	SIZE (IN.)	HOLE DIA. (IN.)	MAX. WHEEL SPEED
24 GRIT	**49-92-3131**	6"x5/8"	1/2"-5/8"	4140
	49-92-3141	6"x3/4"	1/2"-5/8"	4140
	49-92-4201	7"x1"	5/8"	3600
	49-92-5301	8"x1"	5/8"	3600
	49-92-7201	10"x1"	3/4"	2485
46 GRIT	**49-92-3151**	6"x5/8"	1/2"x5/8"	4140
	49-92-3161	6"x3/4"	1/2"x5/8"	4140
	49-92-4221	7"x1"	5/8"	3600
	49-92-5321	8"x1"	5/8"	3600
	49-92-7221	10"x1"	3/4"	2485
80 GRIT	**49-92-3171**	6"x5/8"	1/2"x5/8"	4140
	49-92-3181	6"x3/4"	1/2"x5/8"	4140
	49-92-4241	7"x1"	5/8"	3600
	49-92-5341	8"x1"	5/8"	3600
	49-92-7241	10"x1"	3/4"	2485

KNOT WIRE BRUSHES

CATALOG NUMBER	SIZE (IN.)	HOLE (DIA.)	WIRE SIZE	MAX. WHEEL SPEED
48-52-2510	6"	1/2"-5/8"	.014	8000
48-52-2610	7"	5/8"	.014	5000
48-52-4810	10"	3/4"	.014	4500

CLOTH BUFFING WHEELS



CATALOG NUMBER	SIZE (IN.)	HOLE DIA.
49-93-0080	6"x3/4"	1/2"
49-93-0090	6"x3/4"	5/8"
49-93-0100	7"x3/4"	5/8"
49-93-0110	10"x3/4"	3/4"

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY MAGNUM® DRYWALL SCREW-SHOOTERS

POWERFUL! SERVICEABLE!

LIGHTWEIGHT *ALUMINUM* LOCATOR ASSEMBLY NO. 49-26-1026

6744-1
REVERSING 2500 RPM

NEW 6749-1
TRIGGER SPEED CONTROL REVERSING 0-2500 RPM

6754-1
TRIGGER SPEED CONTROL REVERSING 0-4000 RPM

SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6744-1	120 AC	4.5	2500	1/4" Hex	7/8"	10-1/2	4-1/2	8
NEW 6749-1	120 AC Only	4.5	0-2500	1/4" Hex	7/8"	10-1/2	4-1/2	8
6754-1	120 AC Only	4.5	0-4000	1/4" Hex	7/8"	10-1/4	4-1/2	8

NOTE: Models have reversing type motor and are equipped with lockable trigger switch.
STANDARD EQUIPMENT: #2 Phillips Bit, Magnetic Bit Holder and Magnetic Bit Holder Locator No. 49-26-1026. 8' Quik-Lok Cord Set.

CARRYING CASE, HOLSTER, QUIK-LOK CORD SET, GREASE AVAILABLE — SEE P. 88

DEEP CORRUGATION KIT AVAILABLE FOR MODEL 6744-1 — SEE P. 88

EXCLUSIVE MAGNUM® *FEATURES*

- **EXCLUSIVE SNAP-ACTION POSITIVE DRIVE CLUTCH** prevents tip-to-tip engagement of clutch jaws at the beginning and at the end of a screw driving cycle. This reduces clutch wear, and when depth sensing nosepieces are properly used, greatly prolongs clutch life.
- **ALL BALL AND ROLLER BEARINGS**
- **POWERFUL MILWAUKEE MOTOR PROVIDES GREATER TORQUE**
- **COMFORTABLE TWO FINGER TRIGGER**
- **FOUR POSITION HAND GRIP FOR ANY APPLICATION**
- **QUIK-LOK CORD SETS FOR FAST, SECURE ATTACHMENT. 8' STANDARD EQUIPMENT — 25' and 50' AVAILABLE**

QUIK-LOK CORD SETS

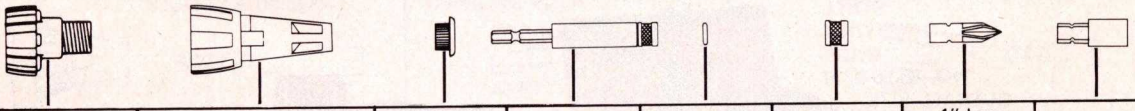
Quick detachment from tool for tangle free carrying and storage. Instant field repair, safe replacement.

DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	48-76-3008
25' QUIK-LOK	48-76-3025
50' QUIK-LOK	48-76-3050

- **EXCLUSIVE BRUSH CARTRIDGE SYSTEM — REMOVABLE BRUSH CARTRIDGE**...change brushes in less than one minute anywhere, with only a screwdriver. *CAUTION — Before servicing, disconnect power cord.* Next, loosen Phillips/slotted brush-holder screw and pull out cartridge. SELF-STOPPING BRUSHES. Instant brush replacement by using spares stored in cartridge system.

BIT HOUSING & LOCATORS FOR 6744-1, 6749-1 & 6754-1 POSITIVE DRIVE

RED CATALOG NOS. ARE STANDARD EQUIP.



Bit Housing 48-32-2500 * (Fine Thread)	Locator Assembly 49-26-1000 (Molded Nylon)	Locator Tip 49-78-0100	Magnetic Bit Holder 48-32-3025	"O" Ring Only for Bit Holder 48-32-3045	Nose End Only for Bit Holder 48-32-3040	1" Long Phillips Insert Bits♦ #1 Phillips 48-32-1030 #2 Phillips 48-32-1050	1/4" Hex Magnetic Socket 49-66-0800
	Locator Assembly 49-26-1026 (Cast Aluminum)	Not Required					

* Previous nylon gearcase models require No. 48-32-2505.

♦Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 92.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS — SPECIFICATIONS — SEE P. 92

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DRYWALL SCREW-SHOOTERS

ALL BALL AND ROLLER BEARINGS

NO. 6750-1 TRIGGER SPEED CONTROL REVERSING 0-4000 RPM WITH LOCK ON AT 2500 OR 4000 RPM

3 MODELS

6747-1
REVERSING 2500 RPM

6750-1
TRIGGER SPEED CONTROL REVERSING 0-4000 RPM

6751-1
REVERSING – HIGH SPEED – 4000 RPM

- POSITIVE DRIVE CLUTCH
- NON-MARRING LOCATORS
- CONVENIENT REVERSING SWITCH
- POWERFUL MILWAUKEE 4.5 AMP MOTOR
- MINIMUM OFFSET FOR CLOSE QUARTER WORK
- SIMPLE POSITIVE DEPTH ADJUSTMENT

Positive lock adjustment provides a wide range of depth settings. Simplified, one hand adjustment. Push Locking Collar forward and rotate it to right or left. Each 1/4 turn equals 1/64" change in depth. Molded nose assembly is permanently lubricated and will not rust or corrode.

SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6747-1★	120 AC	4.5	2500	1/4" Hex	3/4"	10-1/4	4	7
6750-1	120 AC ONLY	4.5	0-4000	1/4" Hex	3/4"	10-1/4	4	7
6751-1	120 AC	4.5	4000	1/4" Hex	3/4"	10-1/4	4	7

★ Available in 240 Volts AC. Add -3 after Catalog Number when ordering. See price sheet.
NOTE: Models have reversing type motor and are equipped with lockable trigger switch.

STANDARD EQUIPMENT: #2 Phillips Bit, Magnetic Bit Holder and Magnetic Bit Holder Locator No. 49-26-1000.

DEEP CORRUGATION KIT AVAILABLE FOR 6747-1 AT RIGHT.

CARRYING CASE, HOLSTER, GREASE AVAILABLE SEE BELOW.

CONVERSION KIT NO. 49-22-1520
Non-marring nose assembly fits previous MILWAUKEE Drywall Screw-Shooters. Consists of Bit Housing NO. 48-32-2500 and Locator Sleeve NO. 49-26-1000.

HEAVY-DUTY DEEP CORRUGATION KIT
No. 49-22-1510

Kit consists of Depth Adjuster, 49-26-2500; Socket Driver, 48-32-2055 and two Locator Tips, 5/16" 49-78-0312 and 3/8" 49-78-0375.

Permits depth-adjustable driving of 5/16" and 3/8" hex head screws into deep, narrow corrugation, or flush to side walls. Locator tips can be rotated for alignment.

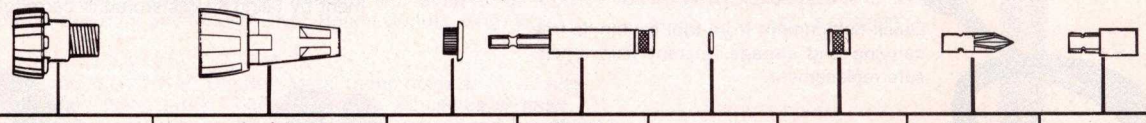
Note: Must be used with 48-32-2500 Bit Housing (Provided with models 6798-1 & 6747-1) or 48-32-2505 Bit Housing (Provided with models 6794-1 & 6744-1.) 5/16" & 3/8" sockets not furnished.

FITS THE FOLLOWING LIST OF MILWAUKEE SCREW-SHOOTERS FOR USE WITH SELF-DRILLING, SELF-TAPPING FASTENERS

NO. 6543-1	0-1000 RPM POSITIVE DRIVE	NO. 6793-1	0-2000 RPM POSITIVE DRIVE
6744-1	2500 RPM POSITIVE DRIVE	6794-1	0-2500 RPM POSITIVE DRIVE
6747-1	2500 RPM POSITIVE DRIVE	6798-1	0-2500 RPM POSITIVE DRIVE
6749-1	0-2500 RPM POSITIVE DRIVE		

BIT HOUSING & LOCATORS FOR 6747-1, 6750-1 & 6751-1 POSITIVE DRIVE

RED CATALOG NOS. ARE STANDARD EQUIP.



Bit Housing	Locator Assembly	Locator Tip	Magnetic Bit Holder	"O" Ring Only for Bit Holder	Nose End Only for Bit Holder	1" Long Phillips Insert Bits♦	1/4" Hex Magnetic Socket
48-32-2500 (Fine Threads)	49-26-1000 (Molded Nylon)	49-78-0100	48-32-3025	48-32-3045	48-32-3040	#1 Phillips 48-32-1030 #2 Phillips 48-32-1050	49-66-0800
	Locator Assembly 49-26-1026 (Cast Aluminum)	Not Required					

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS — SPECIFICATIONS — SEE P. 92

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 92.

SCREW-SHOOTER ACCESSORIES Available for ALL MILWAUKEE Screw-Shooters and Hole-Shooters.

STEEL CARRYING CASE
NO. 48-55-0710
OVERALL SIZE
13" long,
6" high,
8-1/2" wide.

TOOL HOLSTER
NO. 49-17-0200
Fits belts to 3" wide.

TYPE "A" GREASE
NO. 49-08-0500
1/2 Lb. Can
NO. 49-08-0800
1 Lb. Can

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY MAGNUM® SPECIAL SCREW-SHOOTERS

FOR DRIVING SELF-DRILLING, SELF-TAPPING TEKS® FASTENERS

TEKS® registered trademark of Illinois Tool Works, Inc.

NEW 6793-1 *HIGH TORQUE MAGNUM® SCREW-SHOOTER*

REVERSING...TRIGGER SPEED CONTROL 0-2000 RPM HIGH TORQUE, LOWER RPM FOR REDUCED SCREW POINT BURNING.

CAPACITY:
1/4" SCREW IN 1/4" COLD ROLLED STEEL OR NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

Lower RPM provides 25% more torque available than Model 6794-1 for fastening 1-1/8" plywood and other compressible decking materials to 1/8" steel joists using self-drilling and self-tapping fasteners.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
NEW **6793-1 REV.**	120	4.5	0-2000	1/4" HEX	7/8"	10-1/2"	4-1/2"	8

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 5/16" Hex One Piece Socket Extension and 1/4", 5/16", 3/8" and 7/16" Locators. 8' Quik-Lok Cord Set No. 48-76-3008.

6794-1

REVERSING...TRIGGER SPEED CONTROL 0-2500 RPM FOR EASY, ACCURATE DRIVING

CAPACITY:
1/4" SCREW IN 1/4" COLD ROLLED STEEL OR NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6794-1 REV.	120	4.5	0-2500	1/4" HEX	7/8"	10-1/2"	4-1/2"	8

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 5/16" Hex One Piece Socket Extension and 1/4", 5/16", 3/8" and 7/16" Locators. 8' Quik-Lok Cord Set No. 48-76-3008.

CARRYING CASE, HOLSTER, QUIK-LOK CORD SET, GREASE AVAILABLE — SEE P. 88.

DEEP CORRUGATION KIT AVAILABLE — SEE P. 88

EXCLUSIVE MAGNUM® *FEATURES*

- **EXCLUSIVE SNAP-ACTION POSITIVE DRIVE CLUTCH** prevents tip-to-tip engagement of clutch jaws at the beginning and at the end of a screw driving cycle. This reduces clutch wear, and when depth sensing nosepieces are properly used, greatly prolongs clutch life.
- **ALL BALL AND ROLLER BEARINGS**
- **POWERFUL MILWAUKEE MOTOR PROVIDES GREATER TORQUE**
- **QUIK-LOK CORD SETS FOR FAST, SECURE ATTACHMENT. 8' STANDARD EQUIPMENT — 25' and 50' AVAILABLE.**

3 WIRE CORD SET FOR TOOL NO. 6793-1 AND NO. 6794-1

DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	48-76-3008
25' QUIK-LOK	48-76-3025
50' QUIK-LOK	48-76-3050

- **EXCLUSIVE BRUSH CARTRIDGE SYSTEM — REMOVABLE BRUSH CARTRIDGE**...change brushes in less than one minute anywhere, with only a screwdriver. *CAUTION — Before servicing, disconnect power cord.* Next, loosen Phillips/slotted brush-holder screw and pull out cartridge. SELF-STOPPING BRUSHES. Instant brush replacement by using spares stored in cartridge system.

RED CATALOG NOS. ARE STANDARD EQUIP.

BIT HOUSING & LOCATORS FOR 6793-1 AND 6794-1 POSITIVE DRIVE SCREW-SHOOTERS

		HEX HEAD SCREWS — USING SOCKET & DRIVER			HEX HEAD SCREWS — USING ONE PIECE EXTENSIONS			PHILLIPS, POSIDRIV® AND ROBERTSON SCREWS			
HEX SIZE	BIT HOUSING	LOCATOR ASSEMBLY	SOCKET DRIVER	MAGNETIC SOCKET	HEX SIZE	LOCATOR ASSEMBLY	SOCKET EXT-MAGNETIC	TYPE OF SET-UP	LOCATOR ASSEMBLY	BIT HOLDER	INSERT BITS♦
1/4" 5/16" 3/8" 7/16"	**48-32-2500** * (Fine Thread)	**49-26-0250** **49-26-0312** **49-26-0375** **49-26-0600**	1/4" Sq. × 2" Long **48-32-2050**	**49-66-3000** **49-66-3010** **49-66-3020** **49-66-3030**	1/4" 5/16" 3/8"	**49-26-0250** **49-26-0312** **49-26-0375**	**49-66-3006** **49-66-3016** **49-66-3026**	Magnetic	**49-26-1000** **49-26-1026**	**48-32-3025**	Select Bits with Key Letters T, U, or W from Page 92
								Non-Magnetic	**49-26-0250**	**48-32-3050**	

* Previous nylon gearcase models require No. 48-32-2505

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 92.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS — SPECIFICATIONS — SEE P. 92

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SPECIAL SCREW-SHOOTERS

FOR DRIVING SELF-DRILLING, SELF-TAPPING TEKS® FASTENERS

TEKS® registered trademark of Illinois Tool Works, Inc.

ALL BALL AND ROLLER BEARINGS

- **POSITIVE DRIVE CLUTCH**
  Engages when pressure is applied. Driving action stops and clutch disengages when pressure is released or when locator contacts work surface. Depth control is adjustable in increments of 1/64" from outside of tool.
- **NON-MARRING LOCATORS**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**

6798-1 REVERSING...TRIGGER SPEED CONTROL 0-2500 RPM

CAPACITY: 1/4" SCREW IN 3/16" COLD ROLLED STEEL OR NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6798-1 REV.★	120	4.5	0-2500	1/4" Hex	3/4"	9-1/2	3-3/4	7

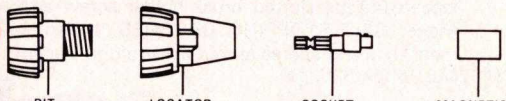
★ Available in 240 Volts AC Only. Add -3 after Catalog Number when ordering. See price sheet. "REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 5/16" Hex One Piece Socket Extension and 1/4", 5/16", 3/8" and 7/16" Locators.

DEEP CORRUGATION KIT AVAILABLE — See P. 88
CARRYING CASE, HOLSTER, GREASE AVAILABLE — SEE P. 88

BIT HOUSING & LOCATORS FOR 6798-1 POSITIVE DRIVE

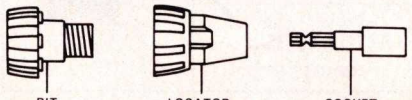
HEX HEAD SCREWS — USING SOCKET & DRIVER

RED CATALOG NOS. ARE STANDARD EQUIP.



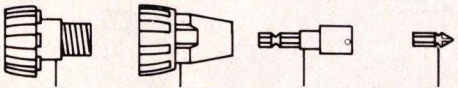
HEX SIZE	BIT HOUSING	LOCATOR ASSEMBLY	SOCKET DRIVER	MAGNETIC SOCKET
1/4"	48-32-2500	49-26-0250	1/4" Sq. x 2" Long 48-32-2050	49-66-3000
5/16"		49-26-0312		49-66-3010
3/8"		49-26-0375		49-66-3020
7/16"		49-26-0600		49-66-3030

HEX HEAD SCREWS — USING ONE PIECE EXTENSIONS



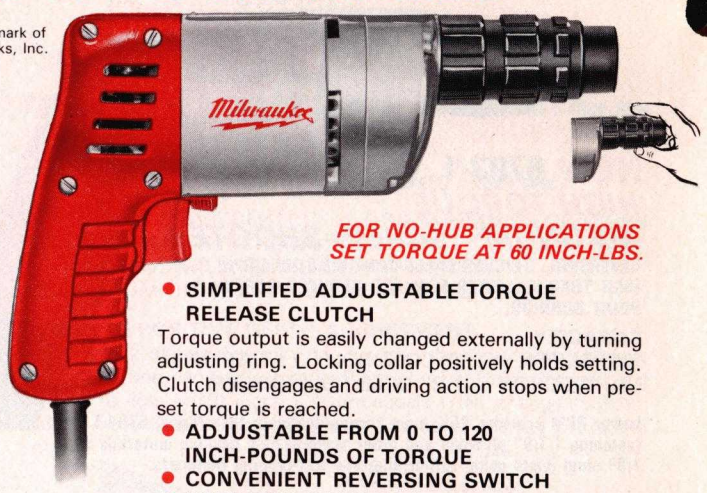
HEX SIZE	BIT HOUSING	LOCATOR ASSEMBLY	SOCKET EXT-MAGNETIC
1/4"	48-32-2500	49-26-0250	49-66-3006
5/16"		49-26-0312	49-66-3016
3/8"		49-26-0375	49-66-3026

PHILLIPS, POSIDRIV® AND ROBERTSON SCREWS



TYPE OF SET-UP	BIT HOUSING	LOCATOR ASSEMBLY	BIT HOLDER	INSERT BITS♦
Magnetic	48-32-2500	49-26-1000 49-26-1026	48-32-3025	Select Bits with Key Letters T, U, or W from Page 92.
Non-Magnetic		49-26-0250	48-32-3050	

NOTE: For Slotted, Frearson and Clutch Head Screws, use accessories as shown for Model 6543-1, P. 91.



FOR NO-HUB APPLICATIONS SET TORQUE AT 60 INCH-LBS.

- **SIMPLIFIED ADJUSTABLE TORQUE RELEASE CLUTCH**
  Torque output is easily changed externally by turning adjusting ring. Locking collar positively holds setting. Clutch disengages and driving action stops when pre-set torque is reached.
- **ADJUSTABLE FROM 0 TO 120 INCH-POUNDS OF TORQUE**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**

6783-1 REVERSING...TRIGGER SPEED CONTROL 0-2500 RPM EXCLUSIVE BIT GUIDES

CAPACITY: 1/4" SCREW IN 3/16" COLD ROLLED STEEL OR NO. 12 SCREW IN 1/2" COLD ROLLED STEEL

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6783-1 REV.	120	4.5	0-2500	1/4" Hex	3/4"	10-1/4	4-1/2	8

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 5/16" Hex Socket Extension and 1/4". 5/16" and 3/8" Bit Guides.

CARRYING CASE, HOLSTER, GREASE AVAILABLE — SEE P. 88

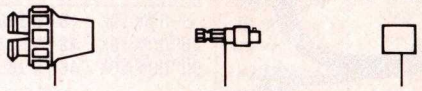
BIT GUIDES FOR 6783-1 ADJUSTABLE TORQUE

HEX HEAD SCREWS — USING ONE PIECE EXTENSION

RED CATALOG NOS. ARE STANDARD EQUIPMENT

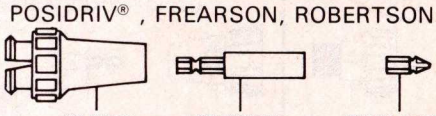
HEX SIZE	BIT GUIDE	MAGNETIC EXTENSION	NON-MAG. EXTENSION
1/4"	48-32-0250	49-66-3006	
5/16"	48-32-0312	49-66-3016	49-66-3015
3/8"	48-32-0375	49-66-3026	

HEX HEAD SCREWS — USING SOCKET & DRIVER



HEX SIZE	BIT GUIDE	SOCKET DRIVER	MAGNETIC SOCKET
1/4"	48-32-0250	1/4" Sq. × 2" Long 48-32-2050	49-66-3000
5/16"	48-32-0312		49-66-3010
3/8"	48-32-0375		49-66-3020

PHILLIPS, POSIDRIV®, FREARSON, ROBERTSON



TYPE OF SET-UP	BIT GUIDE	BIT HOLDER	INSERT BITS♦
Magnetic	48-32-0608	48-32-3025	Select any Insert Bit from Page 92
Non-Magnetic	48-32-0250	48-32-3050	

NOTE: From Slotted Screws and Hex Nuts, use accessories as shown for Model 6583-1 on P. 91.

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 92.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS — SPECIFICATIONS — SEE P. 92

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SCREW-SHOOTER

FOR WOOD SCREWS

- **POSITIVE DRIVE CLUTCH**
  Clutch engages when pressure is applied and stops when pressure is released. Torque is maintained while pressure is applied.
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**
- **EXCLUSIVE SNAP-IN BIT GUIDE DESIGN PROVIDES MAXIMUM SUPPORT, GREATLY REDUCING BIT WOBBLE**

6543-1 **REVERSING...TRIGGER SPEED CONTROL 0-1000 RPM**

CAPACITY: SOFT WOOD WITH PILOT HOLE — TO 5/16" LAG
SOFT WOOD WITHOUT PILOT HOLE — TO #16
HARD WOOD WITH PILOT HOLE — TO #16
HARD WOOD WITHOUT PILOT HOLE — TO #12

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6543-1 REV.	120	4.5	0-1000	1/4" Hex	3/4"	9-3/4	4-1/2	7

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 6F-8R Bit and Finder, 10F-12R Bit and Finder, 6F-8R Bit Guide, 10F-12R Bit Guide, #2 Phillips Insert Bit, Non. Mag. Bit Holder and 1/4" Bit Guide.

DEEP CORRUGATION KIT AVAILABLE — SEE P. 88.
CARRYING CASE, HOLSTER, GREASE AVAILABLE — SEE P. 88.

BIT GUIDE HOUSING & BIT GUIDES FOR 6543-1 POSITIVE DRIVE

SLOTTED SCREWS

RED CATALOG NOS. ARE STANDARD EQUIPMENT

SCREW SIZE	BIT GUIDE HOUSING	BIT GUIDE	BIT AND FINDER COMBINATION
6F-8R		48-32-0608	48-30-2600
8F-10R		48-32-0810	48-30-2625
10F-12R	48-32-1000	48-32-1012	48-30-2650
12F-14R		48-32-1214	48-30-2675
14F-16R		48-32-1416	48-30-2700

NOTE:
F = Flat Head
R = Round Head

PHILLIPS, POSIDRIV®, FREARSON, ROBERTSON

TYPE OF SET-UP	BIT GUIDE HOUSING	BIT GUIDE	BIT HOLDER	NO. 48-32-1050 STANDARD EQUIP. INSERT BITS◆
Magnetic	48-32-1000	48-32-0608	48-32-3025	Select any Insert Bit
Non-Mag		48-32-0250	48-32-3050	

HEX HEAD SCREWS

HEX. SIZE	BIT GUIDE HOUSING	BIT GUIDE	SOCKET DRIVER	MAGNETIC SOCKET
1/4"		48-32-0250	1/4" Sq. ×	49-66-3000
5/16"	48-32-1000	48-32-0312	2" Long	49-66-3010
3/8"		48-32-0375	48-32-2050	49-66-3020

NOTE: For Hex Nuts or Hex Head Screws, using one piece extensions, use accessories as shown for Model 6583-1, plus Bit Guide Housing, NO. 48-32-1000.

HEAVY-DUTY SCREW-SHOOTER—NUT RUNNER

FOR MACHINE AND SHEET METAL SCREWS AND NUTS

ALL BALL AND ROLLER BEARINGS

FOR NO-HUB APPLICATIONS SET TORQUE AT 60 INCH-LBS.

- **SIMPLIFIED ADJUSTABLE TORQUE RELEASE CLUTCH**
  Torque output is easily changed externally by turning adjusting ring. Locking collar positively holds setting. Clutch disengages and driving action stops where preset torque is reached.
- **ADJUSTABLE FROM 0 TO 120 INCH-POUNDS OF TORQUE**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**

6583-1 **REVERSING...TRIGGER SPEED CONTROL 0-1000 RPM**

CAPACITY: TAPPING SCREWS — TO 1/4" IN 3/16" MILD STEEL
MACHINE SCREWS AND NUTS — TO 1/4"

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6583-1 REV.★	120	4.5	0-1000	1/4" Hex	3/4"	10-1/4	5	7-1/2

★ Available in 240 Volts AC Only. Add -3 after Catalog Number when ordering. See price sheet.
"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 6F-8R Bit and Finder, 10F-12R Bit and Finder, 6F-8R Bit Guide, 10F-12R Bit Guide, #2 Phillips Insert Bit, Non. Mag. Bit Holder and 1/4" Bit Guide.

CARRYING CASE, HOLSTER, GREASE AVAILABLE — SEE P. 88

BIT GUIDES FOR 6583-1 ADJUSTABLE TORQUE

SLOTTED SCREWS

RED CATALOG NOS. ARE STANDARD EQUIPMENT

SCREW SIZE	BIT GUIDE	BIT AND FINDER COMBINATION
6F-8R	48-32-0608	48-30-2600
8F-10R	48-32-0810	48-30-2625
10F-12R	48-32-1012	48-30-2650
12F-14R	48-32-1214	48-30-2675
14F-16R	48-32-1416	48-30-2700

NOTE:
F = Flat Head
R = Round Head

PHILLIPS, POSIDRIV®, FREARSON, ROBERTSON

TYPE OF SET-UP	BIT GUIDE	BIT HOLDER	NO. 48-32-1050 STANDARD EQUIP. INSERT BITS◆
Magnetic	48-32-0608	48-32-3025	Select any Insert Bit from Page 92.
Non-Magnetic	48-32-0250	48-32-3050	

HEX NUTS (SOCKETS HAVE BOLT CLEARANCE)

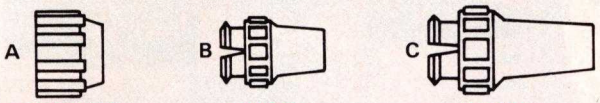
HEX. SIZE	BIT GUIDE	SOCKET DRIVER	MAGNETIC 2" LG. NUT SOCKET
1/4"	48-32-0312	1/4" Sq. x 2" Lg. 48-32-2050	49-66-3002
5/16"	48-32-0810		49-66-3012
3/8"	48-32-1012		49-66-3022

NOTE: For Hex Head Screws, use accessories as shown for Model 6783-1 on P. 90

◆Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 92.

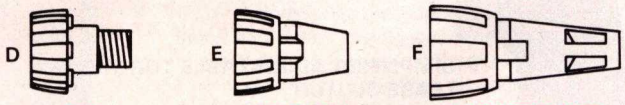
HEAVY-DUTY SCREW-SHOOTER ACCESSORIES

SCREW-SHOOTER NOSE PIECE ASSEMBLIES



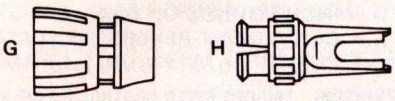
BIT GUIDE HOUSING — SHORT BIT GUIDE — LONG BIT GUIDE

Milwaukee's Exclusive Bit Guides Provide Wobble-Free Screwdriving.



BIT HOUSING — LOCATOR — MAGNETIC BIT HOLDER LOCATOR

Milwaukee Locators Provide Wobble-Free Screwdriving – Plus Depth Adjustments



DEPTH ADJUSTER — LOCATOR TIP

	KEY	DESCRIPTION	CATALOG NO.	USE WITH MODEL NUMBER *
Wood and Sheet Metal Screws	A	Bit Guide Housing	48-32-1000	43, 44, 47, 49, 50 51, 54, 93, 94, 98
	B1	1/4" Hex Bit Guide	48-32-0250	43, 44, 47, 49, 50
	B2	5/16" Hex Bit Guide	48-32-0312	54, 83, 93, 94, 98
	B3	3/8" Hex Bit Guide	48-32-0375	43, 44, 47, 49, 83, 93, 94, 98
	C1	6F-8R Bit Guide	48-32-0608	43, 44, 47, 49, 50 54, 83, 93, 94, 98
	C2	8F-10R Bit Guide	48-32-0810	43, 44, 47, 49 83, 93, 94, 98
	C3	10F-12R Bit Guide	48-32-1012	
	C4	12F-14R Bit Guide	48-32-1214	
	C5	14F-16R Bit Guide	48-32-1416	
Drywall and Self-Drilling Screws	D1	Bit Housing (Fine Thread)	48-32-2500	43, 44, 47, 49, 50 51, 54, 93, 94, 98
	D2	Bit Housing (Coarse Thread)	48-32-2505	44, 54, 94●
	E1	1/4" Hex Locator	49-26-0250	43, 44, 47, 49, 50
	E2	5/16" Hex Locator	49-26-0312	51, 54, 93, 94, 98
	E3	3/8" Hex Locator	49-26-0375	43, 44, 47, 49, 93, 94, 98
	E4	7/16" Hex Locator	49-26-0600	
	F1	Molded Drywall Locator	49-26-1000	43, 44, 47, 49, 50
	F2	Aluminum Drywall Locator	49-26-1026	51, 54, 93, 94, 98
Self-Drilling Screws	G	Depth Adjuster	49-26-2500	43, 44, 47, 49, 93, 94, 98
	H1	5/16" Hex Locator Tip	49-78-0312	43, 44, 47, 49, 93, 94, 98
	H2	3/8" Hex Locator Tip	49-78-0375	

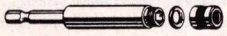
***MODEL NUMBER KEY**

43 = 6543-1 — 44 = 6744-1 — 47 = 6747-1 — 49 = 6749-1 — 50 = 6750-1 — 51 = 6751-1 — 54 = 6754-1 — 83 = 6583-1 or 6783-1 — 93 = 6793-1 — 94 = 6794-1 — 98 = 6798-1

● Previous nylon gearcase models require coarse threads.

SCREWDRIVING ACCESSORIES

BIT HOLDERS ● SOCKETS ● EXTENSIONS ● BITS and FINDERS



1/4" HEX MAGNETIC BIT HOLDER
NO. 48-32-3025

"O" RING ONLY FOR ABOVE
NO. 48-32-3045

NOSE END ONLY FOR ABOVE
NO. 48-32-3040

LOCATOR TIP NO. 49-78-0100

REPLACEMENT INSERT FOR DRYWALL LOCATOR
NO. 49-26-1000
For use on extremely abrasive material or metal lath. Easily removable for non-marring applications.

SCREWDRIVER BIT SET
NO. 48-30-0100

Set includes one each of:

NO. 48-30-1500 #3 Phillips Bit 1/4" Hex
NO. 48-30-1510 #1 Phillips Bit 1/4" Hex
NO. 48-30-1520 #2 Phillips Bit 1/4" Hex
NO. 48-30-2600 Bit and Finder 6F-8R 1/4" Hex
NO. 48-30-2625 Bit and Finder 8F-10R 1/4" Hex
NO. 48-30-2650 Bit and Finder 10F-12R 1/4" Hex
NO. 48-32-2050 1/4" Sq. Socket Driver

INSERT BITS

KEY	DESCRIPTION	SIZE	CATALOG NO.	FOR USE WITH
J	Magnetic Bit Holder		48-32-3025	F1, F2 or C1
K	Non-Mag. Bit Holder		48-32-3050	E1 or B1
L1	1/4" Sq. × 2" Socket Driver		48-32-2050	M-N
L2	1/4" Sq. × 4" Socket Driver		48-32-2055	G-H
M1	Hex Sockets Only Magnetic	1/4"	49-66-3000	L1 & E1 or B1
M2		5/16"	49-66-3010	L1 & E2 or B2
M3		3/8"	49-66-3020	L1 & E3 or B3
M4		7/16"	49-66-3030	L1 & E4
N1	2" Lg. Hex Nut Magnetic Sockets With Bolt Clearance	1/4"	49-66-3002	L1 & C1
N2		5/16"	49-66-3012	L1 & C2
N3		3/8"	49-66-3022	L1 & C3
O	1 Pc. Hex Socket Extension Non-Magnetic	5/16"	49-66-3015	E2 or B2
P1	1 Pc. Hex Socket Extension Magnetic	1/4"	49-66-3006	E1 or B1
P2		5/16"	49-66-3016	E2 or B2
P3		3/8"	49-66-3026	E3 or B3
Q1	Bit and Finder Combinations (Slotted Screws) 3-1/2" long	6F-8R	48-30-2600	C1
Q2		8F-10R	48-30-2625	C2
Q3		10F-12R	48-30-2650	C3
Q4		12F-14R	48-30-2675	C4
Q5		14F-16R	48-30-2700	C5
R1	Replacement Bits for Bit and Finder Combinations 3-1/2" long	6F-8R	48-30-0750	Q1
R2		8F-10R	48-30-0770	Q2
R3		10F-12R	48-30-0790	Q3
R4		12F-14R	48-30-0800	Q4
R5		14F-16R	48-30-0805	Q5
T1	Phillips 1" long	#1	48-32-1030	J & K
T1		#1 (QTY. OF 25)	48-32-1031	
T1		#1 (QTY. OF 50)	48-32-1032	
T2		#2	48-32-1050	
T2		#2 (QTY. OF 25)	48-32-1051	
T2		#2 (QTY. OF 50)	48-32-1052	
T3		#3	48-32-1070	
U1	Posidriv® 1" long	#1	48-32-1120	
U2		#2	48-32-1125	
U3		#3	48-32-1130	
V1	Frearson (Reed & Prince) 1-1/8" long	#1	48-32-1110	
V2		#2	48-32-1115	
W1	Square Drive (Robertson) 1" long	#1	48-32-1205	
W2		#2	48-32-1210	
W3		#3	48-32-1215	
X1	Slotted Screw Insert Bits 1-1/2" long	6F-8R	48-32-0050	It is Recommended Slotted Screws Be Driven With Q1 thru Q5
X2		8F-10R	48-32-0060	
X3		10F-12R	48-32-0070	
X4		12F-14R	48-32-0080	
X5		14F-16R	48-32-0090	
Y1	Magnetic Insert Socket	1/4"	49-66-0800	J & K
Y2	Non-Mag. Insert Socket	1/4"	49-66-0750	

ACCESSORIES FOR PREVIOUS MILWAUKEE 1/4" HEX SHANK DRIVERS

1-15/16" Long Bits for Slotted Head Screws

BIT

SCREW SIZE	BIT CATALOG NO.
6F-8R	48-30-0500
8F-10R	48-30-0505
10F-12R	48-30-0510
12F-14R	48-30-0515

2" Long Phillips Bits

PHILLIPS BIT

#1 NO. 48-30-1510
#2 NO. 48-30-1520
#3 NO. 48-30-1500

HEAVY-DUTY "D" HANDLE SCREW-SHOOTERS

7/16" HEX POSITIVE DRIVE TRIGGER SPEED CONTROL — REVERSING SWITCH

6627-1
0-750 RPM
REVERSING

EXCLUSIVE SNAP-ACTION POSITIVE DRIVE CLUTCH
prevents tip-to-tip engagement of clutch jaws at the beginning and at the end of a screw driving cycle. This reduces clutch wear — prolongs clutch life.

- **HANDLES UP TO 3/8" SHEET METAL AND 3/8" LAG SCREWS**
- **RATED FOR CONTINUOUS PRODUCTION USE**
- **HIGH TORQUE**

MILWAUKEE ELECTRONICS HEAVY-DUTY TRIAC SPEED CONTROL SWITCH

RUGGED NEW INDUSTRIAL/CONSTRUCTION SPEED CONTROL FOR HIGH POWER APPLICATIONS. MILWAUKEE'S unique electronic design with remote heat sink reduces electrical switching temperatures — expands the usable range of trigger speed control switches to tools rated for heavy amp loads and the toughest applications. Designed for smooth, precise speed control and greatly extended switch life.

Double Insulated Construction with 3 wire grounded system.

6657-1
0-2000 RPM
REVERSING
(LOCATOR ASSEMBLY INCLUDED)

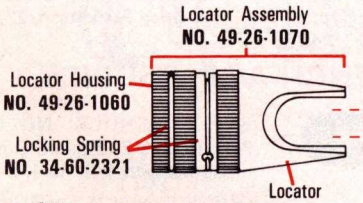
- **QUIK-LOK CORD SETS**
- **DURABLE GLASS REINFORCED NYLON HANDLE**
- **ALL BALL AND ROLLER BEARINGS**

SPECIFICATIONS

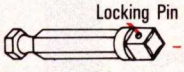
CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	CHUCK TYPE	DRIVE	LAG SCREWS Softwood	LAG SCREWS Hardwood	WOOD SCREWS Softwood & Hardwood	TEKS® ■	METAL SCREWS Thread Forming	METAL SCREWS Thread Cutting	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6627-1	120	6.0	0-750	QUICK CHANGE	7/16" HEX	3/8"▲	5/16"▲	#20▲	1/4"-20●	3/8"-16▲	3/8"-16▲	15	7	10
6657-1	120	6.0	0-2000		7/16" HEX	–	–	#18▲	1/4"-20	3/8"-16▲	3/8"-16▲	16-1/8	8	11

STANDARD EQUIPMENT: Side Handle No. 43-62-0605 and 8' Quik-Lok Cord No. 48-76-3008. Locator Assembly No. 49-26-1070 is included with Model 6657-1 only.
TEKS® registered trademark of Illinois Tool Works, Inc. ■ Self-drilling, self-tapping screws, no pilot holes required.
▲ Pilot holes are recommended before installing screws. ● Must use optional Locator Assembly No. 49-26-1070.

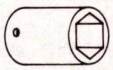
ACCESSORIES



NO. 48-32-3060 7/16" HEX MAGNETIC INSERT BIT HOLDER
NO. 48-32-3075 "O" RING FOR INSERT BIT HOLDER
NO. 48-32-3080 NOSE END FOR INSERT BIT HOLDER

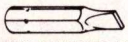


Socket Driver
NO. 48-32-2510



HEX SOCKETS—MAGNETIC

	SIZE
NO. 49-66-3170	5/16"
NO. 49-66-3180	3/8"
NO. 49-66-3190	7/16"
NO. 49-66-3200	1/2"



5/16" HEX SLOTTED SCREW INSERT BITS

	SIZE
NO. 48-32-0412	12F-14R
NO. 48-32-0414	14F-16R
NO. 48-32-0416	18F-20R
NO. 48-32-0418	20F-24R

5/16" HEX, PHILLIPS INSERT BITS

	SIZE
NO. 48-32-1090	#3
NO. 48-32-1100	#4

STEEL CARRYING CASE
NO. 48-55-1410

- Case designed to fit Screw-Shooter with Locator Assembly
  - Heavy-Duty 20 Gauge steel construction
  - Large storage area for extra accessories and Quik-Lok Cords
  - Front mounted steel handle provides comfortable well balanced suitcase-style carrying

QUIK-LOK CORD SETS

8' QUIK-LOK	**NO. 48-76-3008**
25' QUIK-LOK	**NO. 48-76-3025**
50' QUIK-LOK	**NO. 48-76-3050**

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY IMPACT WRENCHES

WITH BALL DETENT SQUARE DRIVE

9052 1/2" SQUARE DRIVE

Balanced for fatigue-free use. Powerful MILWAUKEE built motor for heavy-duty industrial applications and equipment maintenance. Forward and reverse rotation is achieved by turning rear end-cap. Protective rubber ring on rear end-cap and rubber gear case cap help protect tool.

CATALOG NUMBER	VOLTS	AMPS	IMPACTS PER MIN.	NO LOAD RPM	TORQUE RANGE FT./LBS.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
9052★	120	5.2	2200	2200	95-140	11-1/2	8-1/4	10-1/2
9057 KIT	120	5.2	2200	2200	95-140	11-1/2	17	19

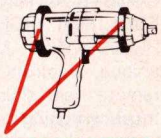
★ Available in 240 Volts. Add -2 after Catalog Number when ordering. See price sheet.

9051 1/2" SQUARE DRIVE

A powerful impact wrench for setting, running or removing bolts, nuts, studs and screws...also taps, threads, rethreads, drills and reams. Forward and reverse rotation is achieved by turning rear end-cap. Brushes shift automatically for best commutation and efficiency.

CATALOG NUMBER	VOLTS AC	AMPS	IMPACTS PER MIN.	NO LOAD RPM	TORQUE RANGE FT./LBS.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
9051	115	5	1900	1900	95-130	10-1/4	6-1/4	9-1/4
9056 KIT	115	5	1900	1900	95-130	10-1/4	13	16

An INTERLOCK lever prevents reversing while trigger switch is depressed... protects motor and hammer mechanism.



PROTECTIVE RUBBER RINGS
For Nos. 9051 and 9056
Order **BUMPER KIT**
No. 48-50-1000

STEEL CARRYING CASE ONLY
Without tool or accessories
NO. 48-55-2580

STEEL CARRYING CASE ONLY
Without tool or accessories
NO. 48-55-2580

NO. 9057 1/2" SQUARE DRIVE KIT

Contains No. 9052 Impact Wrench, Steel Carrying Case and the following sizes of 1/2" Hex Drive Sockets: 1/2", 9/16", 5/8", 11/16", 3/4" and 13/16".

NO. 9056 1/2" SQUARE DRIVE KIT

Complete with No. 9051 Impact Wrench, Steel Carrying Case and the following sizes of 1/2" Hex Drive Sockets: 1/2", 9/16", 5/8", 11/16", 3/4" and 13/16".

1/2" SQUARE DRIVE IMPACT WRENCH ACCESSORIES

UNIVERSAL JOINT **NO. 48-03-0500**
Fits 1/2" Square Drive and used with Hex Sockets to reach difficult places at various angles...also allows clearance around obstructions.

TOOL HANGER **NO. 49-17-0220**
For Impact Wrench models 9051, 9056 and 9070.

EXTENSION BAR **NO. 48-95-5000**
Adapts to 1/2" Square Drive. Provides 5" additional length where required for use with sockets or other accessories.

KEYLESS CHUCK **NO. 48-66-0010**
Adapts to 1/2" Square Drive with capacity for accessories with 1/8" to 1/2" diameter shanks.

QUICK CHANGE CHUCK **NO. 48-66-0060**
With 7/16" Hex Socket for Screw-Shooter Bits and Hole Saw Arbors or other accessories with 7/16" Hex Shanks. See pages 18 and 19 for Hole Saws.

COLLET CHUCK **NO. 48-66-0050**
For round shank tools, drill and reamers 3/16" to 3/8" diameter...also taps and E-Z outs No. 10 to 1/2". Two wrenches are included.

OPEN END WRENCH **NO. 49-96-4680**
Included and used with Collet Chuck No. 48-66-0050.

SPECIAL LUBRICANT **NO. 49-08-0100** For mechanism — 3-1/2 oz. tube.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY IMPACT WRENCHES

WITH PIN AND RING RETAINER SQUARE DRIVE

9070 3/4" SQUARE DRIVE

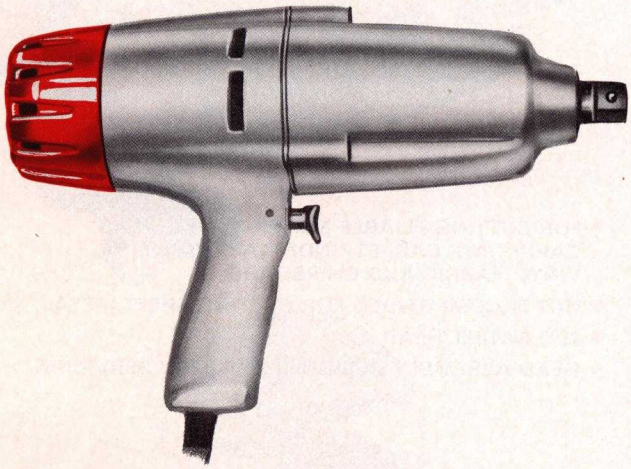
Perfect balance for fatigue-free use and plenty of power make this tool ideal for steel erection, equipment maintenance and other heavy-duty industrial applications. This tool has the same basic high quality impact mechanism as No. 9051 plus an increased torque range.

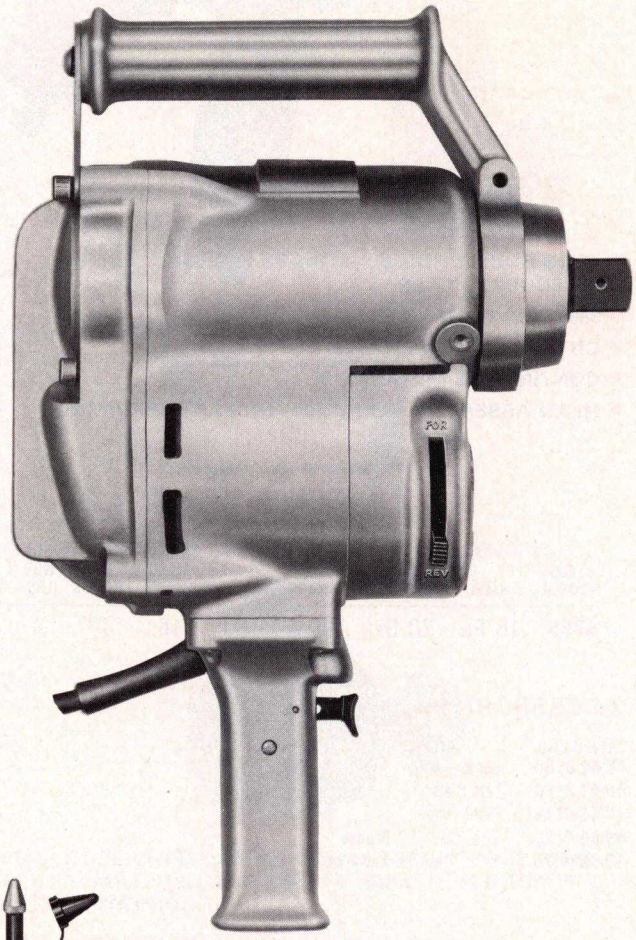
CATALOG NUMBER	VOLTS	AMPS	IMPACTS PER MIN.	NO LOAD RPM	TORQUE RANGE FT./LBS.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
9070	115	6	1725	1700	175-250	11-7/8	10	13

9080 1" SQUARE DRIVE

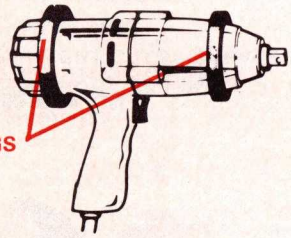
The most powerful impact wrench of its size for setting, running or removing bolts, nuts and studs. Ideal for steel erection, equipment maintenance and other heavy-duty industrial applications.

CATALOG NUMBER	VOLTS	AMPS	IMPACTS PER MIN.	NO LOAD RPM	TORQUE RANGE FT./LBS.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
9080	115	10	900	800	450-750	14-1/8	32-1/2	38





TOOL HANGER For use with Model 9070, also for Models 9051 and 9056.
NO. 49-17-0220



PROTECTIVE RUBBER RINGS
For No. 9070
Order **BUMPER KIT**
No. 48-50-1010

GREASE GUN **NO. 49-14-0300**
For Impact Wrench No. 9080

SPECIAL LUBRICANT **NO. 49-08-0100**
For mechanism — 3-1/2 oz. tube.

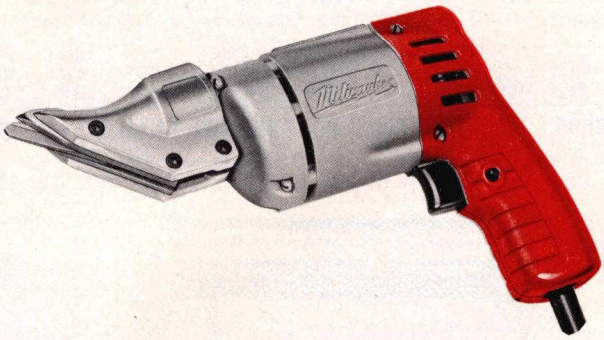
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY

SWIVEL HEAD SHEAR

18 GAUGE

6850



BALL AND ROLLER BEARINGS

- CUTS ROUND HOLES...SQUARE HOLES... IRREGULAR HOLES
- 360° SWIVEL HEAD
- CUTS UP TO 15' PER MIN.
- CONTINUOUS METAL CURL
- HEAD ASSEMBLY DESIGNED FOR EASY SERVICING

SPECIFICATIONS

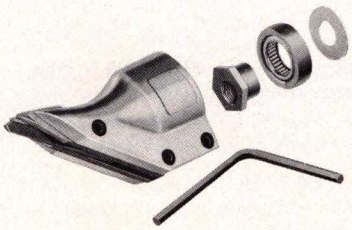
CATALOG NUMBER	CAPACITY STEEL	CAPACITY STAINLESS	VOLTS	AMPS	CUTTING SPEED FT./MIN.	MIN. RADIUS	NET WGT. LBS.	SHP. WGT. LBS.
6850	18 Ga.	20 Ga.	120 AC	3.3	15	7"	4	6

ACCESSORIES

CATALOG NO.	DESCRIPTION
48-44-0150	Center Blade
48-44-0160	Left Blade
48-44-0170	Right Blade
49-08-4120	1 lb. Can "E" Grease
49-96-0070	5/32" Hex Socket Wrench

SWIVEL SHEAR HEAD ASSEMBLY

NO. 48-08-0500

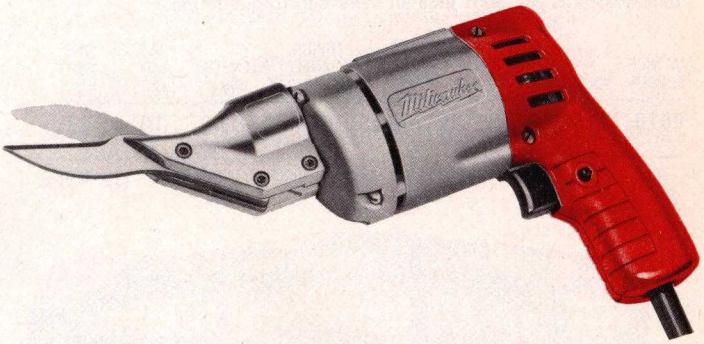


Use with MILWAUKEE 1/4" HOLE-SHOOTER No. 0181. See page 8 for Hole-Shooter specifications.

SCISSORS SHEAR

2500 STROKES PER MIN.

6860



BALL AND ROLLER BEARINGS

- FOR CUTTING PLIABLE MATERIALS SUCH AS CARPETING, CARPET UNDERLAY, LINOLEUM, VINYL, FABRIC AND CHIPBOARD
- NOT RECOMMENDED FOR CUTTING SHEET METAL
- 360° SWIVEL HEAD
- HEAD ASSEMBLY DESIGNED FOR EASY SERVICING

SPECIFICATIONS

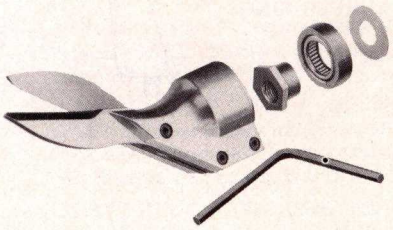
CATALOG NUMBER	VOLTS	AMPS	STROKES PER MIN.	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
6860	120 AC	3.3	2500	12-1/4	4	6

ACCESSORIES

CATALOG NO.	DESCRIPTION
48-44-0180	Moveable Scissor Blade
48-44-0190	Stationary Scissor Blade
49-08-4120	1 lb. Can "E" Grease
49-96-0070	5/32" Hex Socket Wrench

SCISSORS HEAD ASSEMBLY

NO. 48-08-0525



Use with MILWAUKEE 1/4" HOLE-SHOOTER No. 0181. See page 8 for Hole-Shooter specifications.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

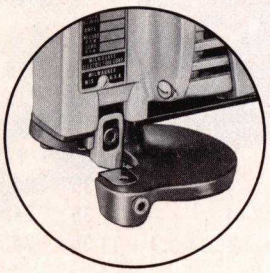
HEAVY-DUTY

METAL CUTTING SHEAR

16 GAUGE

6800

BALL AND ROLLER BEARINGS



EXCLUSIVE

Shearing blades are easily and securely adjustable between .003 and .008. Sheared metal rides smoothly over unique steel yoke providing high trim cutting efficiency.

- HIGH SPEED ACCURATE CUTTING MECHANISM
- SIMPLE BLADE ADJUSTMENTS – NO SHIMS
- BLADE DESIGN ELIMINATES JAMMING
- LEAVES EDGES SMOOTH – BURR FREE
- NO ADJUSTMENTS FOR STRAIGHT CUTS – CURVES
- CUTS CLOSE CURVES EITHER RIGHT OR LEFT
- CLEAR, UNOBSTRUCTED VISIBILITY

SPECIFICATIONS

CATALOG NUMBER	CAPACITY STEEL	CAPACITY STAINLESS	VOLTS	AMPS	CUTTING SPEED FT./MIN.	MIN. RADIUS	NET WGT. LBS.	SHP. WGT. LBS.
6800★	16 Ga.	17 Ga.	120	2.1	14	1"	5-1/4	8

★ Available in 240 Volts. Add -2 after Catalog Number when ordering. See price sheet.

ACCESSORIES

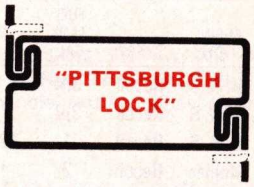
CATALOG NO.	DESCRIPTION
49-11-0050	Feeler Gauges
49-96-0060	1/8" Hex Socket Wrench
49-96-0065	9/64" Hex Socket Wrench
48-44-0070	Shear Blade Set
49-08-1000	1 lb. Can "C" Grease

"PITTSBURGH LOCK" HAMMER

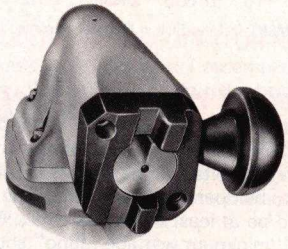
30 to 22 GAUGE SHEET METAL

5400

BALL AND ROLLER BEARINGS



CLOSES SEAMS NEATLY UP TO 20 FEET PER MIN.



SPECIALLY DESIGNED HAMMER OF HARDENED TOOL STEEL. CLOSES SEAMS FLUSH AND SECURE. SHOE GUIDE ASSURES PROPER POSITIONING.

- SPLIT HANDLE DESIGN AND REMOVABLE VENT PROVIDE ACCESS TO ALL ELECTRICAL CONNECTIONS FOR EASY INSPECTION AND CLEANING.
- POSITION OF HANDLE AFFORDS POSITIVE CONTROL AND BALANCE
- AUXILIARY KNOB HANDLE FOR TWO HAND OPERATION ON HEAVY GAUGE METALS
- GUIDES EASILY ALONG SEAM ON STRAIGHT RUNS OR CURVES

SPECIFICATIONS

CATALOG NUMBER	CAPACITY	FT./MIN.	VOLTS	AMPS	NET WGT.	SHP. WGT.
5400	30 to 22 Ga.	20' Max.	115	2.7	10	14

ACCESSORIES

NO. 49-08-1000 1 lb. Can "C" Grease

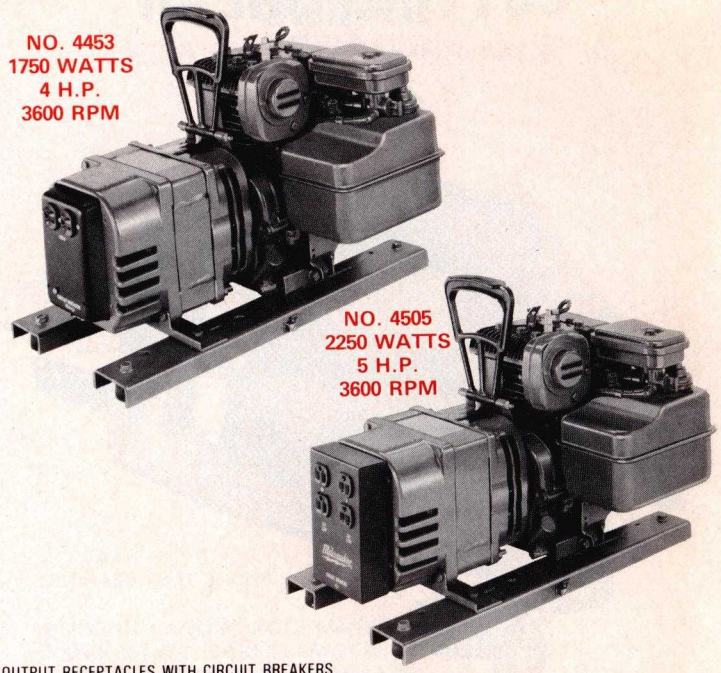
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ALTERNATORS

RELIABLE LOW COST POWER

Advanced design revolving field alternators offer superior electrical performance with less weight, less maintenance and less cost. Full power output is obtained from stationary coils through solid connections eliminating arcing and sparking. Brushes in alternator ride on smooth slip rings and carry only low control current with practically no brush wear.

- **ALL RECEPTACLES ARE PROTECTED WITH CIRCUIT BREAKERS**
- **ADVANCE DESIGN** Revolving field alternator construction eliminates AC slip rings and DC commutators
- **FULL CAPACITY SWITCH** — NOS. 4655, 4772 and 4781
- **MULTIPLE CHOICE RECEPTACLE PANEL**
- **NATIONALLY RECOGNIZED GASOLINE ENGINES**
- **LARGE FUEL TANK CAPACITIES**
- **MANUAL CHOKE ON ALL MODELS**
- **APPROVED SPARK ARRESTER MUFFLER**



SPECIFICATIONS

CATALOG NUMBER	WATTS	H.P.	ENGINE 1 CYL.	START	FUEL TANK (GAL.)	VOLTS AC	TOTAL AMPS OUTPUT 120/240	OUTPUT RECEPTACLES WITH CIRCUIT BREAKERS: 120V 2 POLE NEMA #5-15R	120V TWIST LOCK NEMA #L5-30R	240V 2 POLE NEMA #6-15R	240V TWIST LOCK #L6-20R	240V TWIST LOCK #L6-30R	OVERALL DIMENSIONS IN INCHES: L.	W.	H.	NET WGT. (LBS.)	SHP. WGT. (LBS.)
4453	1750	4	B & S	Recoil	3/4	120	14.6	2	—	—	—	—	21.5	15	14	67	83
4505	2250	5	B & S	Recoil	3/4	120	18.8	4	—	—	—	—	21.5	15	14	70	85
4618	3000	7	B & S	Recoil	1	120/240	25/12.5	2	—	2	—	—	31	18.5	17	105	120
4670 *	3500	8	Kohler	Recoil	2	120	30	2	1	—	—	—	28.5	17	16.5	132	165
4655	3750	8	B & S	Recoil	1-1/2	120/240	31.2/15.6	2	1	—	1	—	35	24.5	21	125	145
4772	5000	10	B & S	Recoil	1-1/2	120/240	41/20.5	2	1	—	1	—	35	24.5	21	152	172
4781	6500	16	B & S	Recoil	1-1/2	120/240	54.2/27.1	2	1	—	—	1	35	24.5	23.5	187	207

***STANDARD EQUIPMENT** Includes Built-in Constant Operating Idle-Control.

HOW TO SELECT YOUR MILWAUKEE ALTERNATOR

MILWAUKEE Alternators are built for continuous-duty operation at rated capacity. To determine which Alternator best fits your needs, total the watt ratings (volts × amps = watts) of all equipment (excluding electric motors) to be operated at the same time. The watt rating of the Alternator should be at least equal this total. When operating electric motors, add the "minimum wattage rating" shown in the chart below to insure good starting and to reduce disturbances to other loads. When analyzing the motor loads and required starting watts, determine which loads can be staggered. In most cases, it is impractical to have an alternator large enough to handle total connected load.

MOTOR H.P. RATING	APPROXIMATE RUNNING WATTS	MIN. WATTAGE RATING OF GENERATOR SET REQUIRED *: UNIVERSAL MOTOR	REPULSION INDUCTION MOTOR	CAPACITOR MOTOR	SPLIT PHASE MOTOR
1/6	275	400	600	600	1000
1/4	400	500	850	800	1500
1/3	500	600	950	1200	2000
1/2	700	750	1300	1500	2500
3/4	950	1000	1900	2100	†
1	1200	1200	2300	2500	†
1-1/2	1600	1750	3200	3200	†
2	2200	2300	3900	3500	†
3	3200	†	5200	4200	†

* For applications with only one motor load, this would equal minimum generator set size.
† Motors of higher horsepower are not generally used.

TWIST LOCK PLUGS

PLUG Part No. 23-36-0270 (Order separately) 30A 250V twist lock (NEMA #L6-30P) for use in output receptacle NEMA #L6-30R.

PLUG Part No. 23-36-0260 (Order separately) 30A 125V twist lock (NEMA #L5-30P) for use in output receptacle NEMA #L5-30R.

PLUG Part No. 23-36-0240 (Order separately) 20A 250V twist lock (NEMA #L6-20P) for use in output receptacle NEMA #L6-20R.

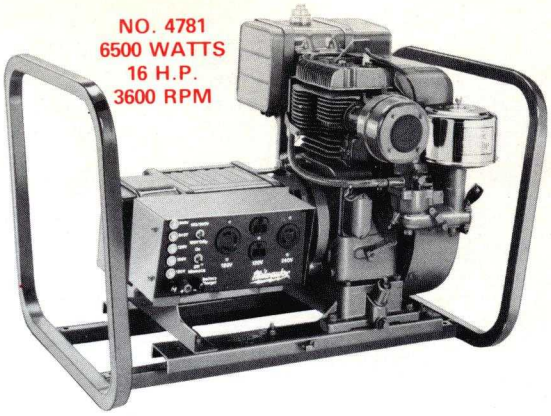
CAPACITY: Alternators 4453, 4505, 4618 and 4670 — Full rated current can be drawn from a single receptacle or split between two or more receptacles.

Alternators 4655, 4772 and 4781 — Full rated current can be drawn from either the 120 volt or 240 volt receptacles by use of full capacity switch except where receptacles are fused at current values below the full capacity of the alternator (requirement of the National Electrical Code). Full rated current loads can also be split between the 120 volt and 240 volt receptacles; i.e. 40% — 120 volt load and 60% — 240 volt load.

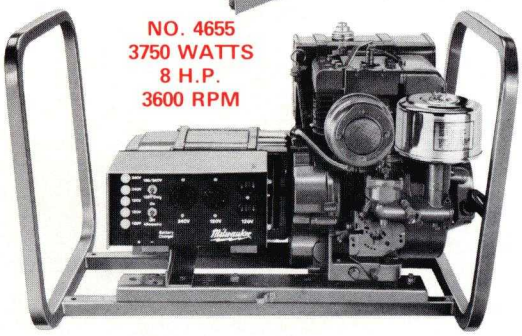
BRIGGS & STRATTON AND KOHLER GASOLINE ENGINES
HAVE A ONE YEAR LIMITED WARRANTY —
FOR WARRANTY ENGINE SERVICE
CONTACT YOUR NEAREST BRIGGS & STRATTON
OR KOHLER AUTHORZIED SERVICE CENTER
AS LISTED IN THE 'YELLOW PAGES'
UNDER "ENGINES — GASOLINE" OR "GASOLINE ENGINES".

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

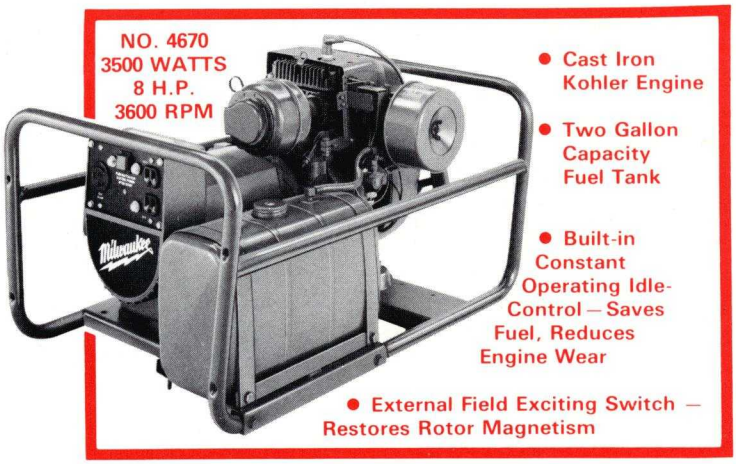
NO. 4618
3000 WATTS
7 H.P.
3600 RPM



NO. 4781
6500 WATTS
16 H.P.
3600 RPM

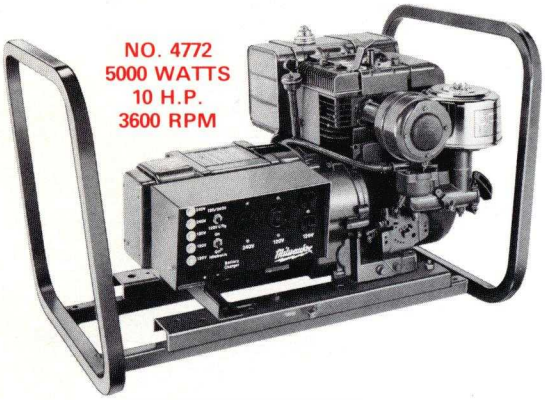


NO. 4655
3750 WATTS
8 H.P.
3600 RPM



NO. 4670
3500 WATTS
8 H.P.
3600 RPM

- Cast Iron Kohler Engine
- Two Gallon Capacity Fuel Tank
- Built-in Constant Operating Idle-Control — Saves Fuel, Reduces Engine Wear
- External Field Exciting Switch — Restores Rotor Magnetism



NO. 4772
5000 WATTS
10 H.P.
3600 RPM

DOLLY CONVERSION NO. 48-83-0130
FOR ALTERNATOR NO. 4670
Consists of push handle, rest and wheel assemblies. 8" dia., hard rubber, heavy-duty tires.

EXTENSION CORDS

WIRE SIZE		VOLTAGE DROP @ MAX. AMPS FOR GIVEN WIRE LENGTHS			
AWG	MAX. AMPS	25'	50'	75'	100'
4	70	.87	1.74	2.60	3.48
6	55	1.08	2.17	3.25	4.35
8	40	1.25	2.51	3.87	5.03
10	30	1.50	3.00	4.50	6.00
12	25	1.98	3.97	5.95	7.95
14	18	2.27	4.55	6.82	9.10
16	13	2.65	5.22	7.84	10.45

NOTE: When selecting extension cord, voltage drop should not exceed 5 volts for the rated amps and length of cord required.

EXTENSION CORD CHART

Extension cord sizes chosen to assure a drop of not over 5 volts at rated load of tool.

Ampere rating (on Nameplate)	0-2.00	2.10-3.4	3.5-5.00	5.10-7.0	7.10-12.0	12.1-16.0	16.1-20.00	
Ext. Cable Length	Wire Size							
25 Ft.	18	18	18	18	16	14	12	
50 Ft.	18	18	18	16	14	12	10	Not
75 Ft.	18	18	16	14	12	10	8	normally
100 Ft.	18	16	14	12	10	8	8	available
150 Ft.	16	14	12	12	8	8	6	as flexible
200 Ft.	16	14	12	10	8	6	4	extension
300 Ft.	14	12	10	8	6	4	4	cord.
400 Ft.	12	10	8	6	4	4	2	
500 Ft.	12	10	8	6	4	2	2	
600 Ft.	10	8	6	4	2	2	1	
800 Ft.	10	8	6	4	2	1	0	
1000 Ft.	8	6	4	2	1	0	0	

ACCESSORIES FOR ALTERNATOR NOS. 4655, 4772 and 4781

DOLLY CONVERSION FOR ALTERNATOR NO. 48-83-0125
Consists of push handle, rest and wheel assemblies. 8" dia., semi-pneumatic, heavy-duty tires. Wheels have roller bearings. Net weight 14 lbs. Shipping weight 19 lbs.

*** BATTERY CHARGING KIT NO. 48-59-0155**
Designed for 12-volt battery charging only — Provides 12 volts DC at 5-8 amps continuous charging current. Unit includes two 10 foot cables with battery clips and is fuse protected.

*** IDLE-CONTROL KIT NO. 48-72-0016**
Solid-state Idle-Control slows engine speed automatically from normal 3600 RPM (under load) to approx. 1800 RPM when electrical load is removed. Allowing longer engine life — Lower fuel consumption — Lower average noise level.

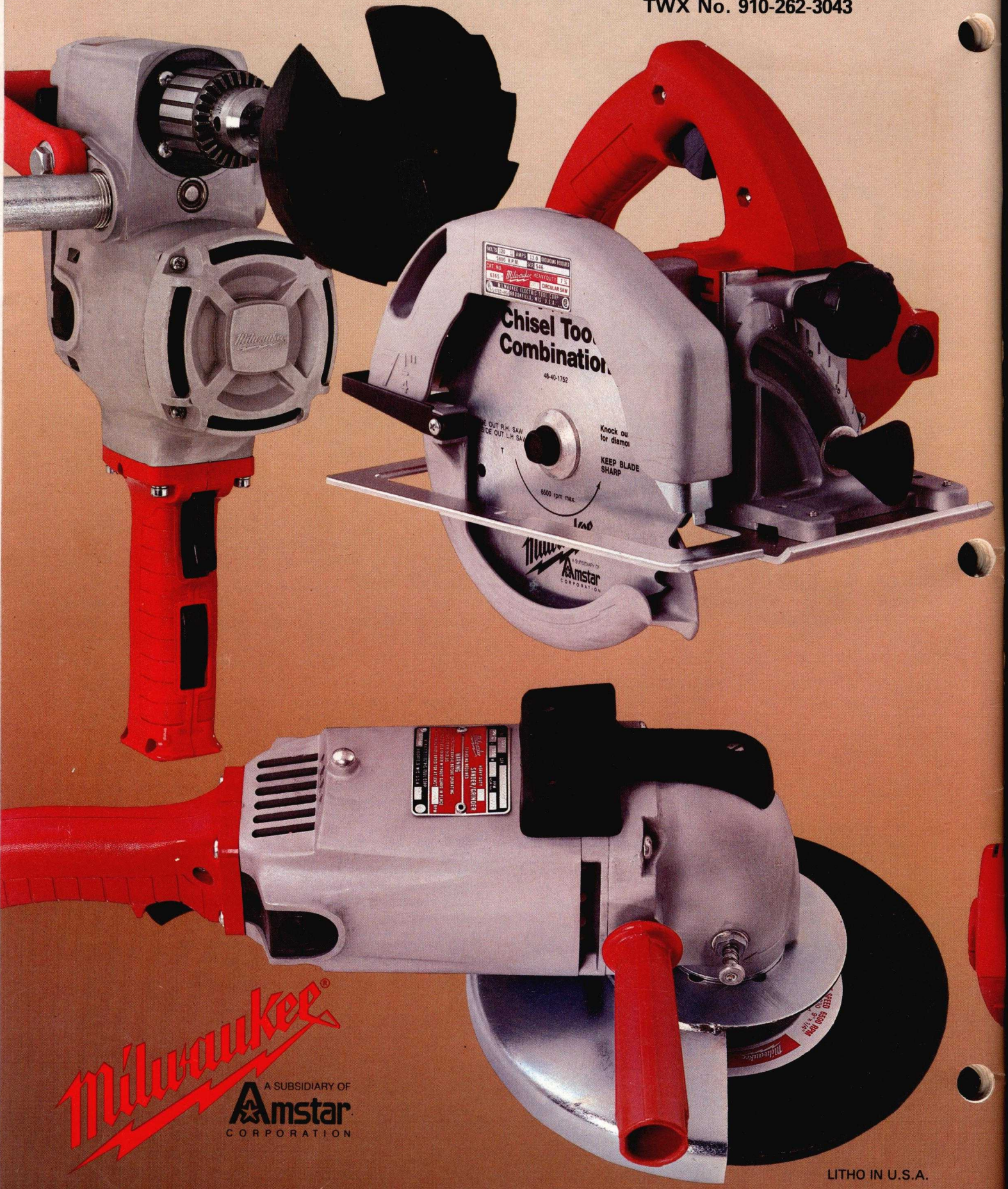
A 30 second time delay in RPM change avoids engine surging from momentary on/off loads.

We recommend installation of Idle-Control be done at a MILWAUKEE Service Center or Authorized Service Station.

* Only available in kit form — Not available as standard equipment.

MILWAUKEE ELECTRIC TOOL CORPORATION

13135 W. LISBON RD. BROOKFIELD, WI 53005 PHONE: (414) 781-3600
TWX No. 910-262-3043



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